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*The*

CHEMIST AND DRUGGIST

for RETAILER - WHOLESALER - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

No. 3040
VOL. CXXVIII

MAY 14, 1938

Annual Subscription (with
Diary) 20/- Single Copies 9d.

IMPORTANT U.G.B ANNOUNCEMENT

The NEW WHITE MOULDED KORKALITE SCREW CAP

MANUFACTURED FROM UREA
POWDER—TASTELESS & ODOUR-
LESS—FITTED COMPOSITION
CORK LINERS RESISTOL FACED

Commencing during March, 1938—as rapidly as present packed stocks are exhausted—the BLACK moulded screw cap has been replaced in the U.G.B. standard MOULDED screw cap service by the new pure WHITE cap. For many years there has been a strong preference for a WHITE cap but the manufacturing cost has been prohibitive. U.G.B. technicians have finally overcome the cost obstacle and we are now able to supply this much superior pure white moulded cap WITHOUT EXTRA COST to the user.

The Cork-Mouth and White Enamelled Aluminium Screw Cap Washed and Sterilized services are unchanged.

U.G.B. WASHED AND STERILIZED MEDICAL BOTTLES HAVE EVERYWHERE PROVED A LABOUR-SAVING AND ECONOMICAL PROPOSITION. THE UNIQUE U.G.B. PROCESS PASSES EVERY SINGLE BOTTLE, WHETHER CORK MOUTH OR FOR SCREW CAPS, THROUGH BOILING DISTILLED WATER AND DRIES IN SUPER-HEATED FILTERED AIR



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The Largest Manufacturers of Glass Bottles in Europe

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50 Years,

OLIVE OIL

We have now been able to obtain a further large consignment of the finest Cream Olive Oil.

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Our representatives will be pleased to give details of prices and we are confident that no better value can be obtained to-day.

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For 50 years a policy of supplying only the finest pharmaceutical preparations at reasonable prices has been consistently maintained.

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AND UMNEY LTD**
SOUTHWARK • LONDON

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in commercial containers can be
expressed in glass as by
no other media...

U.G.B.

CREATIONS

Radiate Charm

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To enhance your product use glass—strong, beautiful to the eye and lending itself to almost illimitable treatment in shaping and colouring.

THE PERFECT PAIR • BOTTLE AND CLOSURE
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UNITED GLASS BOTTLE
MANUFACTURERS LTD

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"Give me a bottle of this . . .

a packet of that . . .

a box of the other"



say your customers. If a chemist had to keep a stock as big as his customers' needs, he'd want warehouses as large as May, Roberts's. The wise thing to do is to meet your customers' needs at a moment's notice through the modern supply service of May, Roberts — simply 'phone, wire or post your order to:—

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Product on
Attractive
Bonus Terms

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Crookes' Lactomagnesia is a quick-moving line to handle because it has three distinct uses—it sells to three classes of customer.

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THIS CHOCOLATE

is extremely palatable and is therefore a suitable addition to the dietary of diabetics . . . and because Cadbury's have unlimited facilities for laboratory research and the subsequent manufacture and marketing of such a product it sells at a very low price

- Further details and an analysis with a sample of this Special Chocolate will gladly be forwarded to anyone interested. Please write to . . .

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Bournville

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INDEX TO ADVERTISERS

Acton Pill & Tablet Co., Ltd. (Uricure Tablets)	vi	Burrough, James, Ltd. (Alcohol for Perfumery)	Leader Page	Evans, Gadd & Co., Ltd. (Drugs, Galenicals, &c.)	ii
Aerograph Co., Ltd. (DeVilbiss Atomisers)	vii	Burroughs Wellcome & Co. ("Hazeline' Snow," &c.)	27	Evans Sons Lescher & Webb, Ltd. (Evans Dermal Powder)	28
Allen, Stafford, & Sons, Ltd. (Change of Address)	7	Cadbury Bros. (Diabetic Chocolate) ...	4	Feecher, M. J., Ltd. ("Glasepto" Throat Brush, &c.)	8
Annis Medical Agency (Valuers, &c.)	Col. Supp.	Campbell, J. D. (Nicotine Insecticides)	18	Fellows Medical Manfg. Co., Ltd. (Fellows Syrup)	vii
Anzora, Ltd. (Anzora Products)	21	Cartwright, W. B., Ltd. (Moorland Indigestion Tablets)	6	Fennings, A. (Children's Cooling Powders)	Leader Page
Association of Manufg. Chemists, Ltd.	Col. Supp.	Cataline Co., Ltd. (Veterinary Medicines)	19	Gale, Baiss & Co., Ltd. (Veterinary Products)	18
Ayrton, Saunders & Co., Ltd. (Wholesale Druggists)	Cover iv	Chemist and Druggist, The 20, Leader Page		Gambles, J. C., & Co., Ltd. ("Bonneilla")	26
Battles, Ltd. (Vermin Killer)	18	Christy, T., & Co., Ltd. (Page-Barker Lotion)	14	Gardner, W., & Sons. (Glos.), Ltd. (Machinery)	23
Bayer Products, Ltd. ('Adaliu,' &c.)	22, Leader Page	Colston Hygienic Products (Perfumed Anti-Moth Sachet)	14	George, Ernest J., & Co. (Valuers, &c.)	Col. Supp.
Bell, John, Hills & Lucas, Ltd. (Travel Sickness Remedy)	Leader Page	Cooper McDougall & Robertson, Ltd. (Vermin Powder, &c.)	9	Hackett, S. E. (Film Overstocks)	Col. Supp.
Berton, Arthur, Ltd. (Surgical Dressings)	Cover iv	County Perfumery Co. (Brylfoam)	15	Hampden Residential Club	Col. Supp.
Blackie, R. (Tommy's Cooker)	xii	Cox, A. H., & Co., Ltd. (Pills and Tablets)	8	Harley, T., Ltd. (Rodine)	18
Blackwell, Hayes & Co., Ltd. (Fermola-Lac Flour)	Cover iv	Creban Manfg. Co., Ltd. (Crepe Bandages)	xiv	Harris, Hart & Co., Ltd. (Epsom Salts, Glauber Salts, &c.)	ii
Blythe, W., & Co., Ltd. (Epsom Salts, &c.)	iv	Cresswell Bros. (Sponges)	26	Hedley, T., & Co., Ltd. (Glycerine) ...	iv
Blyton, Astley & Co., Ltd. (Lozenges, &c.)	vi	Critchley, C. A., & Co., Ltd. ("Pneumoplast," Kaolin Poultice, B.P.) ...	26	Heward, R. H., & Co. (Surgical Appliances)	xiv
Bromley, H., & Co., Ltd. (Gardenia Series, &c.)	v	Crookes Laboratories (Lactomagnesia)	3	Hewlett, C. J., & Son, Ltd. (Hewsol)...	xii
Burgoyne, Burbidges & Co., Ltd. (Fruit Crushes)	i	Day, Son & Hewitt (Veterinary Medicines)	19	Hill, Thos., Engineering Co. (Hull), Ltd. (Bottle Washing Machinery)	8
		Drake & Dahm (Translators), Ltd. (Translations)	26	Howard, Lloyd & Co., Ltd. (Pills, Tablets, &c.)	ii
		Edwards Harlene, Ltd. (Hair Toilet Preparations)	12		
		Evan Williams Co., Ltd. (Window Display Contest)	22		

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ANTI-RHEUMATIC CAPSULES

National Advertising and the recommendation of over 6,000 doctors are building 'Curicones' into a household word. Share in the vast weekly sale of over 300,000 capsules!

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NASAL BALM

In a nation-wide investigation 81% of sufferers stated that they found STE-MAT more effective than any other cold or catarrh remedy they had tried.

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INDEX—cont.

Jacquesil Fabrics, Ltd. ('Dawn' Face Cloths)	14
Jefferson & Son ("Hemicura," Trusses, &c.)	xv
Josephs, Philip, & Sons, Ltd. (Shopfittings)	Col. Supp.
King, J. C., Ltd. ("Empire" Showcases)	23
Laboratories, The (Own Name Cosmetics)	26
Lax & Shaw, Ltd. (Bottles)	19
London & Provincial Factors, Ltd. (Wanie Blades)	10
Matthews, D., & Sons, Ltd. (Shopfittings)	Col. Supp.
Matthews, S., & Co., Ltd. (Curicons, &c.)	5
Maund, F., & Berg, E., Ltd. (Showcases)	26
May, Roberts & Co., Ltd. (Service)	2
Methylating Co., Ltd. (Methylated Spirit)	28
Mills, H., & Sons, Ltd. (Shopfittings) ...	22
Monand, D. S., Ltd. (Alka-Seltzer) ...	xvi
Monsanto Chemicals, Ltd. (Salicylates)	Cover iii
Mundet Cork Products, Ltd. (Corks and Stoppers)	Leader Page
National Association of Opticians	26
Norma Technical Products, Ltd. (Telerazor)	24
Norwegian Cod Liver Oil	xi
Old Strand Chemical & Drug Co., Ltd. (Pharmaceutical Chemicals, &c.)	26
Orridge & Co. (Valuers, &c.)	Col. Supp.

Pendred & Heim (Perfume and Toilet Bottles)	26
Perken, Son & Co., Ltd. (Clinical Thermometers)	xiv
Pifco, Ltd. (Sharpx Blade Stropper)	26
Pinaud, Ltd. ("Set-Up")	13
Potter & Clarke, Ltd. (Wholesale Druggists)	25
Prescott, A. (Cocoa Butter, &c.)	vi
Reckitt & Sons, Ltd. ("Dettol")	vi
Reuter, R. J., Co., Ltd. ("4711" Eau de Cologne)	15
Reynolds & Branson, Ltd. (Surgical Sundries)	26
Riddell, Francis, Ltd. (Pag Hand Inhaler)	ix
Rivista Italiana delle Essenze dei Profumi e delle Piante officinali	viii
Robinson & Sons, Ltd. (Mene Towels)	xv
Robinson, J., & Son (Plywood Kegs) ...	26
Rose, J. L., Ltd. (Pyrogallic Acid, &c.)	iv
Roura & Forgas (Quicksilver)	viii
Rouse Bros. (London), Ltd. (Own Name Dog Powders)	xii
Roussel Laboratories, Ltd. (Angioxyl, &c.)	x
Rudduck & Co. (Shopfittings)	x
Salter, G., & Co., Ltd. (Baby Weigher)	10
Schering, Ltd. (Camphor, &c.) Leader Page	
Schweppes, Ltd. (Sugar-Free Ginger Ale, &c.)	xi
Scott & Turner, Ltd. (Andrews Liver Salt)	22
Scurr, C. A. (Optical Tuition)	26
Sherley, A. F., & Co., Ltd. (Dog Medicines, &c.)	17
Simpkin, A. L., & Co., Ltd. (Confectionery)	viii
Smith, T & H., Ltd. (Alkaloids)	iii
Solport Bros., Ltd. ("Rub-a-Dub" Loofahs)	10
Southalls (Birmingham), Ltd. (Sanitary Towels)	xiv, xv
South of England College of Pharmacy	8
Standard Synthetics, Ltd. (Pure Essential Oils, &c.)	vi
Sterns, Ltd. (Petroleum Jellies, &c.)	ix
Surgical Hosiery Co., Ltd. (Elastic Hosiery)	xiv
Suter, A. F., & Co., Ltd. (Gums)	iii
Suttey & Silverlock (Chemists' Printers)	xiii
Thomas & Linton, Ltd. (Everhot Bags, &c.)	26
Tomlinson & Hayward, Ltd. (Eureka Weed Killer)	Leader Page
Town Talk Polish Co. (Liquid Silver Polish)	23
United Glass Bottle Manufacturers, Ltd. (Korkalite Screw Caps, &c.)	Front Cover, 1
Vernon & Co., Ltd. (Prestoband Self-Adhesive Bandage)	xv
Viosulfal, Ltd. (Assimilable Sulphur, &c.)	xiii
Wagner, R. V. (Dry Bottle Caps)	Leader Page
Walden & Co. (Nufix), Ltd. (Nufix) ...	24
Washington Chemical Co. (Cream of Magnesia)	iii
Watson, Joseph, & Sons, Ltd. (Eve Shampoo)	11
Woolley, J., Sons & Co., Ltd. (Nurona Sun Tan Cream)	16
Wright, Layman & Umney, Ltd. (Olive Oil)	Cover ii
Zeal, G. H., Ltd. (Clinical Thermometers)	Cover iv

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- Ever-increasing public demand.
- All-the-year-round seller.
- Effective remedy for stomach troubles.
- Over 40% profit on a nationally advertised proprietary line.

● *The Public will have*

MOORLAND
BRAND
INDIGESTION TABLETS



W. B. CARTWRIGHT LTD., RAWDON, LEEDS

1833

1938

StaffAllenS

... have pleasure in announcing the removal of their General Offices from Cowper Street, E.C.2, to new and more spacious premises at

**WHARF ROAD, CITY ROAD
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... All communications should be sent to the new address on and after May 14, 1938.

... Please note new

Telephone No.: CLERKENWELL 1000 (7 lines)

Telegrams: STAFFALLENS, NORDO, LONDON

STAFFORD ALLEN & SONS, LIMITED
Wharf Road, City Road, London, N.1

May 14, 1938

Private Formula Work

Pills and Tablets
manufactured under the control of
Analytical and Qualified
Chemists

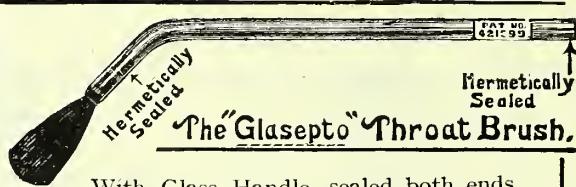


**Coated or
Uncoated
Bulk or
Packed**



Exceptionally keen prices

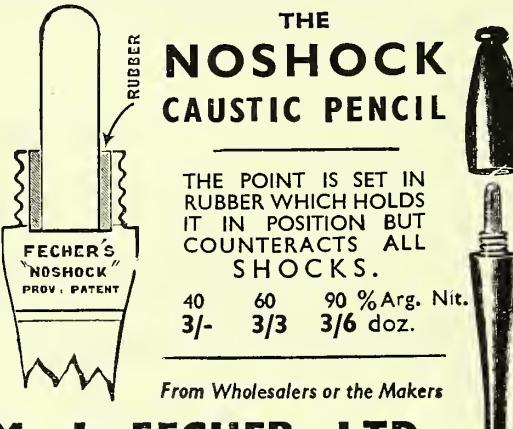
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Estat. 1839
 ARTHUR H. COX & Co. LTD.



The "Glasepto" Throat Brush.

With Glass Handle, sealed both ends.
 Entirely sterile and sterilizable.

Camel Hair 3/6 . . . Squirrel Hair 4/6
 SHOW CARD with every dozen.



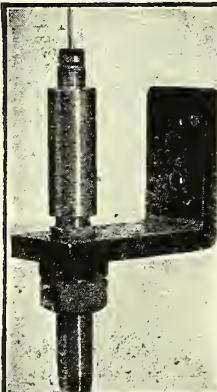
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THE POINT IS SET IN RUBBER WHICH HOLDS IT IN POSITION BUT COUNTERACTS ALL SHOCKS.

40	60	90 % Arg. Nit.
3/-	3/3	3/6 doz.

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SPRINKLER BOTTLES

Automatic Rinsing

Can be connected to the town's water supply by metal or india rubber hose pipe.

By merely passing the mouth of the bottle over the jet and pressing the bottle downwards water is automatically sprayed into the bottle. The water completely drains away from the bottle as it is withdrawn.

Further particulars may be obtained from the makers.—

The THOMAS HILL
 Engineering Co. (HULL), Ltd.
 9 PARK LANE, STEPNEY, HULL

THE SOUTH OF ENGLAND COLLEGE OF PHARMACY

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NEW COURSES for Part I and Part II start on October 4th and extend for nine months. FEES, 30 GUINEAS per session. **REVISION COURSES** start August 3rd. Benches are now being booked.

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Prospectus, Entry Form, etc., posted to any address.

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'Phone: RELIANCE 2037

BEWARE OF THE DOG-flea
(CTENOCEPHALUS CANIS)

YOU'RE AFT TO FORGET HIM because he's so small, but he's big enough to carry up to 20 embryo tapeworms, waiting their chance to involve you in endless trouble and expense. Eliminate this risk of worms—87% of tape-worm infections are due to dog fleas—and the other risks as well, simply by following the

COOPER HEALTH ROUTINE*

1 TO PREVENT TAPEWORMS—Spend five minutes once a week dusting your dog's coat with Pulvex, to keep him free from fleas and all flea-borne parasites. A 6d. tin lasts several months.

NO FLEA CAN LIVE on a Pulvex'd dog within a week of your dusting him, which cuts out the flea risk. The other risks are reduced to the minimum. C.V.R., which, with its vitamins, B, and D, builds up the dog's resistance to all infection, and with its mineral salts, restores the habit of eating. Eating excrement is the cause of roundworm infection. Eating excrement is an attempt to make good the lack of these essential salts. A normal diet can certainly provide them with the vital factors scientifically combined in C.V.R. C.V.R. accordingly is indispensable.

PULVEX VERMIN POWDER | **COOPER'S VITAMIN RATION** | **COOPER'S LIQUID WORM REMEDY**
6d and 1/3 sprinkler tins | FROM ALL CHEMISTS AND DOG SHOPS | Small dogs 1/3, larger dogs 2/6 bottles

IF YOUR DOG HAS WORMS NOW, Cooper's Liquid Worm Remedy will rid him of the lot, tapeworms and roundworms, with a little distress and danger as may be. Then, the Cooper Health Routine, faithfully followed, will prevent the need for repeated worming.

* This simple routine was devised and perfected by Cooper's own Research Bureau, which carries on the work done on dog lines in this country. For any further information that will help you, please write us fully at you can to the Dog Remedies Department.



THE FEAR OF FLEAS will be put into everyone that sees this advertisement, reprinted now in miniature from the 'Tailwagger' etc. Are you prepared to cash in on it? There's a lot of money to be made on dogs. We know vet. counters in quite small shops turning over a steady £5 per week. Have you got one? You can't make a better start than with the Cooper Health Routine, nor find a better mainstay. Three sales in one and nine times the profit in the year.

PULVEX VERMIN POWDER

6d and 1/3 sprinkler tins

COOPER'S VITAMIN RATION

1/6, 2/9, and 4/6

COOPER'S LIQUID WORM REMEDY

Small dogs 1/3, larger dogs 2/6 bottles

TRADE TERMS—less 33½% and less 5% cash monthly

COOPER, McDougall & Robertson Limited, Berkhamsted, Herts

"Rub-a-Dub" COLOURED LOOFAHS GLOVES — STRAPS — PADS



G.376 F.C.

Colour in the Bathroom!

"Rub-a-Dub" Coloured Loofah Products should have a prominent display in your windows this Spring and Summer. The popular Physical Fitness and Hygiene propaganda have created a vogue for these very attractive and profitable series. The natural loofahs, fast dyed, with coloured turco backing, are exhilarating in use, imparting a fresh, clean glow to the skin and cleansing the pores without harsh scrubbing, while the well-known "Watersprite" non-stretch turco backing, in colours to match, completes this toiletry which sells freely through the recommendation of its many users.

Brighter Bathrooms with "Rub-a-Dub"!

STOCKED BY ALL THE LEADING WHOLESALERS

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184/192 GOSWELL RD., LONDON, E.C.1

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KEEN EDGES
KEEN PRICES



The market is already made for all who stock the Wanie Blades.

THREE HOLE TYPE
8/- gross. Retail 12 for 1/-

AUTO TYPE

9/- 100. Retail 10 for 1/-

EVER-READY TYPE

9/- 100. Retail 10 for 1/-

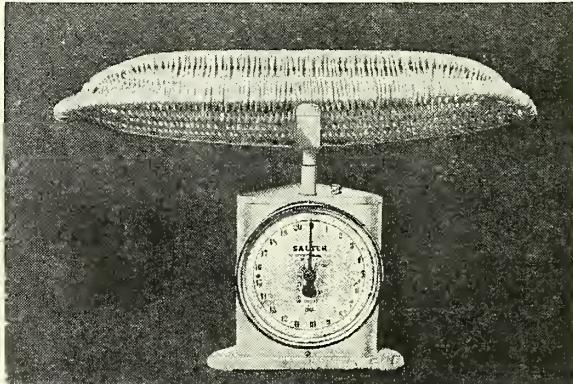
33½% IS YOUR PROFIT

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should write for FREE
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and at 16 Withy Grove, Manchester.

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The 52B is a high quality balance, fitted with "Quick-stop" mechanism. The dial is now enlarged to 6½", is glass covered, and has a plated rim. This balance is especially suitable for nurseries and clinics. Complete list of all balances and personal scales available from



SALTER
GEO. SALTER & CO. LTD.
DEPT. (C4), WEST BROMWICH

Why EVE IS PROVING THE MOST POPULAR SHAMPOO ON THE MARKET!



- 1 EVE BEAUTIFIES**
—leaves hair soft, lustrous, in perfect natural condition.
- 2 EVE BENEFITS**
—both hair and scalp—enables scalp pores to breathe—enables function normally. Assists in prevention of dandruff.
- 3 EVE IS SAFE**
—no harmful alkali. Mild, yet efficient, Eve cannot affect the structure of the most delicate hair. Doctors recommend Eve for children.
- 4 EVE CLEANSES**
—gently, yet quickly and thoroughly. No soap in Eve, therefore no unhealthy lime scum.
- 5 EVE AIDS SETTING**
—because it leaves no clogging deposits to make hair "difficult." More, Eve cleanses away all scalp waste and dandruff—makes hair manageable.

JOSEPH WATSON & SONS LTD., LEEDS

New sales records have been created by Eve Shampoo Cream. This ever-increasing popularity is due partly to its handy tube form, partly to its handy 6d size. But basically it is because Eve Cream embodies *all five big advantages* of Eve Powder, the first trouble-free soapless shampoo on the market!

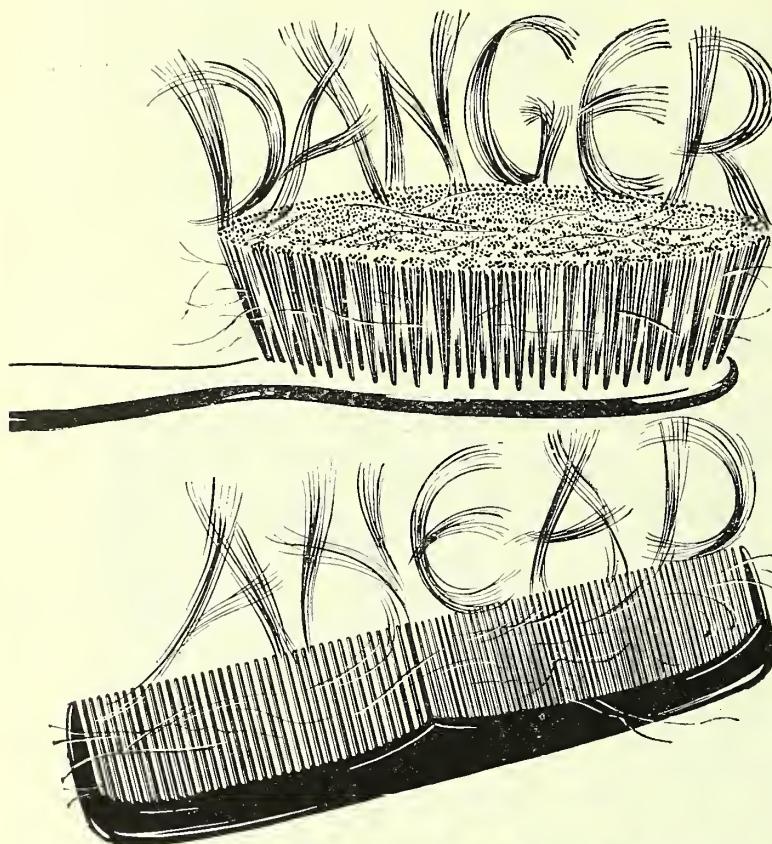
If you have not already seen the new book, "Lovely Hair" by Pierre Auguste, send your trade card to Advertising Dept., Joseph Watson & Sons Ltd., Dept. W. 1., Leeds. You will receive your copy by return post.

DISPLAY AND RECOMMEND

Eve Shampoo

CREAM 6d POWDER 2d

EVT 1 29A-80



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Miss
BIG
BUSINESS**

By Not Keeping
Regularly Stocked
with the Fast Selling

HARLENE **HAIR TOILET PREPARATIONS**

BIG BUSINESS will come to those who regularly stock these regularly "asked for" lines. Order up a good stock **NOW** and thus make sure you will not disappoint customers in your locality.

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offering a direct appeal to the Public, is the Keynote of a Bold and Regular Campaign in the National and Periodical Press.

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Keep a Good Stock of
HARLENE
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Cremex Shampoo

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Harlene Camomile Shampoo

Harlene Golden Wave Set

Harlene Hair Cream

Harlene Soapless Brushless Shaving Cream

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Profit by the Popularity of these
PINAUD
 Products at Pre-War Prices!



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For Electric
Shavers...

Increase your profit on Electric
Razor sales — ensure the buyer's satisfaction.
Set-up gives real results *at once* from
any electric razor. Tautens the skin,
makes every hair stand up!
leaves the skin fresh,
velvety, smooth.

RETAIL PRICE

3/-

PER BOTTLE

Eau de Quinine 2/6 & 4/6
Eau de Portugal 2/6 & 4/6

New! Sets the Hair

Eau de Quinine with Oil 5/-
Vegetal Violette & Vegetal Lilac 3/-5/-

Favourite hair-dressings of the well-turned-out for 75 years — and still without equal for ensuring hair-health and discipline. New publicity campaign for Pinaud products commencing NOW. Look out for announcement in "Punch," "Tatler," etc. Watch your stocks of Pinaud's products and send to-day for free display material.

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CAN BE USED ALSO WITH AN ORDINARY RAZOR — APPLY BEFORE LATHERING

... & the
Famous
PINAUD
Hair Tonics



PINAUD Ltd.

LONDON

PARIS & NEW YORK

6 fl. oz. CREAMY MASCARA · PRÉFACE PARFUME · EAU DE COLOGNE · EAU DE LAVANDE DE FRANCE · EAU DE COLOGNE AU CHYPRE

Dr. Page-Barker's Scurf & Dandruff Lotion

The recognised specific for
SCURF and **DANDRUFF**

Now made in
TWO SIZES

STANDARD 18/- doz. Retail 2/6
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Smart showmatters with all orders

A MONEY-BACK GUARANTEE WITH
EVERY BOTTLE

Sells on its reputation to those who know,
and on its guarantee to those who don't

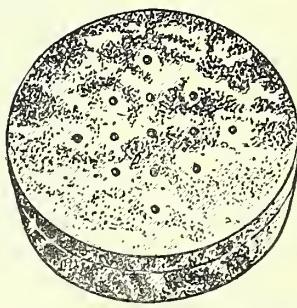
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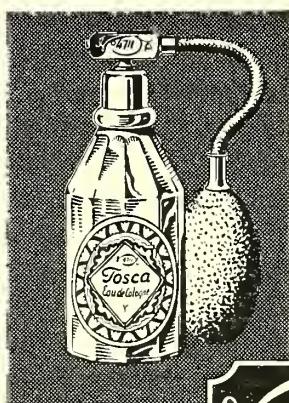
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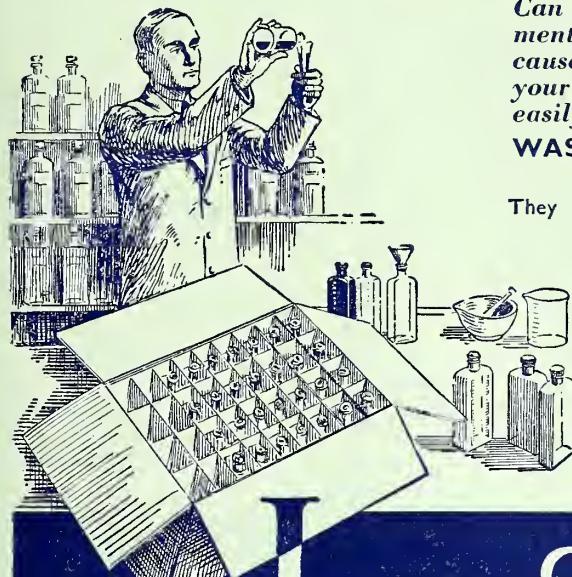
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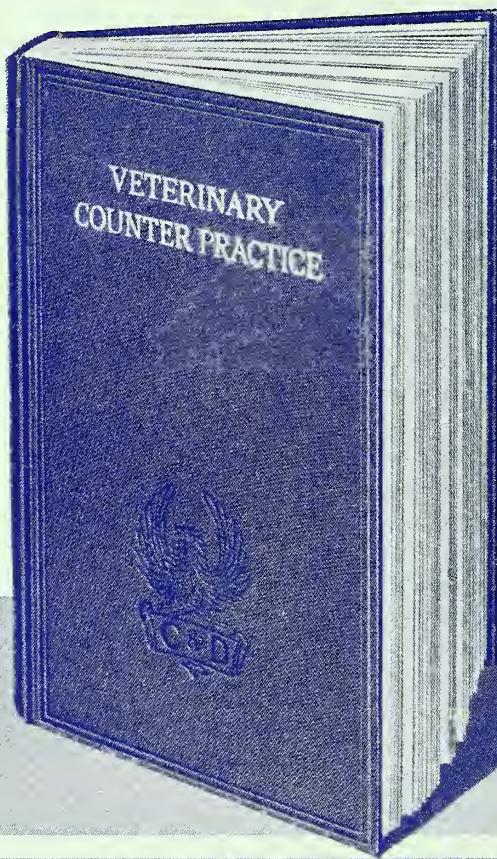
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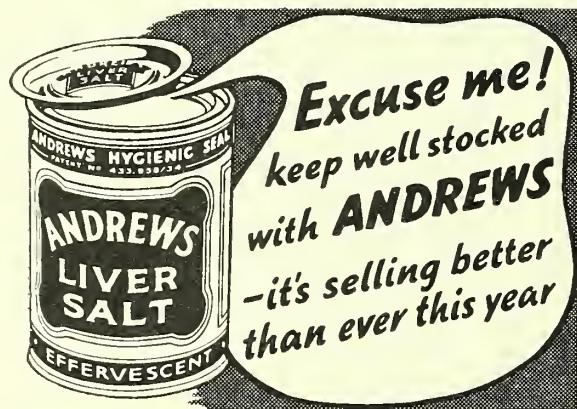
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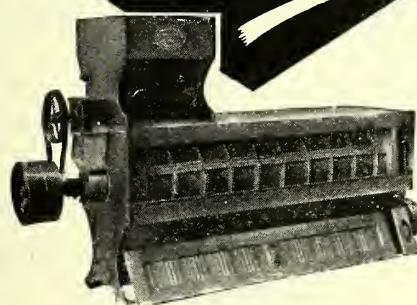
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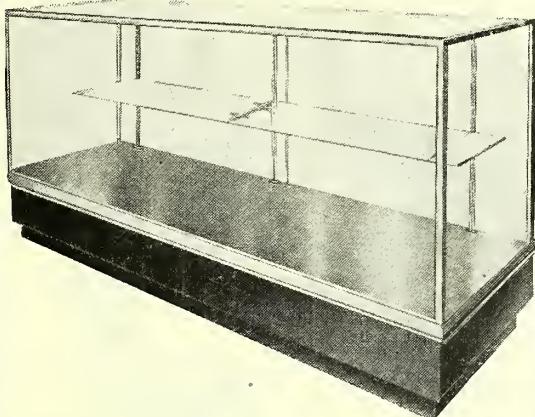
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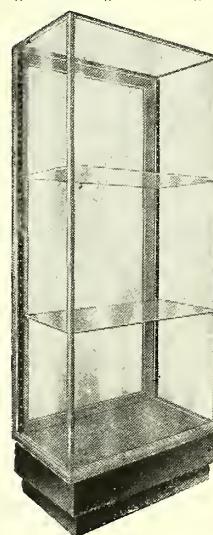
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News of the Week

Business Changes

MR. ERNEST O'NION has purchased the wholesale druggists' business of Donington & Co., Spalding.

BRITISH CELLOPHANE, LTD., are removing their London offices on May 13 to 17-19 Stratford Place, W.1.

THE ASHTON-UNDER-LYNE CO-OPERATIVE SOCIETY has opened a pharmacy department in Astley Street, Dukinfield.

MR. FRED HAMMOND has acquired the Derby Photographic Service of H. Lomax, Ltd., 1A Derby Buildings, Wavertree Road, Liverpool 7.

Aerated Waters Trade Wages

The Minister of Labour has issued an Order under the Trade Boards Acts 1909 and 1918, confirming the variation of minimum rate of wages for male and female workers in the aerated waters industry in England and Wales, such variations being effective from May 2. The minimum rates are set out in a schedule attached to the Order (A.(12)), a copy of which can be obtained from H.M. Stationery Office, price 1d.

Holidays with Pay

The Committee which has been considering holidays with pay for employed workpeople has recently issued its report (H.M. Stationery Office, 1s. 3d.). After discussing the subject from numerous angles, the Committee recommend, among other matters, that an annual holiday with pay should be established, without undue delay, as part of the terms of contract of employers covered by the compulsory State insurance schemes. The Committee also advocate that during the Parliamentary session of 1940-41 legislation should be passed making provision for holidays with pay in industry generally. Among the organisations from which the Committee received written statements was the Scottish Pharmaceutical Federation.

Proprietary Articles Trade Association

ADDITIONS TO PROTECTED LIST

R. J. Reuter Co., Ltd., 4711 eau de Cologne, No. 12, 22s. 9d., 17s. 1d. each; No. 13, 16s. 9d., 12s. 7d. each; 4711 greaseless hair cream for men, No. 379, 2s., 17s. 8d. doz.; No. 380, 1s. 3d., 11s. doz.; 4711 bath soap, No. 898, one doz. tablets 1os. 6d., 7s. 10½d. doz. Additions to List for Channel Islands, 4711 eau de Cologne, No. 47, 4s. 8d., 37s. doz., No. 14/1, 7s. 3d., 57s. doz.; No. 15/1, 5s., 40s. 3d. doz.; No. 16/1, 2s. 9d., 22s. doz.; No. 18/1, 5s. 6d., 44s. doz.; No. 24, 6s., 48s. doz.; No. 24/W, 6s. 6d., 52s. doz.; No. 25, 4s., 32s. doz.; No. 25W, 4s. 6d., 35s. 9d. doz.; No. 26, 2s. 3d., 17s. 9d. doz.; No. 28, 9d., 6s. doz.; No. 45, 1s. 8d., 13s. doz.; No. 945, 2s., 15s. 8d. doz. Subject to terms quoted for Channel Islands, P.A.T.A. Year Book, 1938, p. 126.

ALTERATIONS

Johnson & Johnson (Great Britain), Ltd., Slough, Johnson's baby powder, 2s. Orders under three doz., 16s. 8d. doz.; three-dozen lots, 16s. 4d. doz.; six-dozen lots, 16s. doz.; 12-dozen lots, 15s. doz.; less 2½ per cent. settlement in one month. Jas. Woolley, Sons & Co., Ltd., Nurona sun-tan cream, 1s., 7s. 6d. doz., subject to usual bonus terms. Northam Warren, Ltd. (agents, J. C. Gambles & Co., Ltd.). Entry in Protected List amended as follows:—Cutex manicuring series, Sets, junior, No. 98, 1s. 6d., 13s. 6d. doz.; compact, No. 67, 2s. 6d., 22s. 6d. doz.; five minute, No. 51, 5s., 45s. doz.; travelling, No. 70, 8s. 6d., 76s. 6d. doz.; cubicle, No. 75, 1os. 6d., 94s. 6d. doz.; walnut, No. 86, 12s. 6d., 112s. 6d. doz.; club kit, No. 71, 17s. 6d., 156s. doz.; fancy leather No. 93, 25s., 18s. 9d. each. Cuticle remover, large, No. 1, 1s. 6d., 13s. 6d. doz.; small, No. T1, 9d., 6s. 9d. doz.; No. L1, 2s. 6d., 22s. 6d. doz.; nail beautifier, No. 3, 1s. 6d., 13s. 6d. doz.; nail white, No. 4, 1s. 6d., 13s. 6d. doz.; nail-white pencil, No. P.D.4, 1s., 9s. doz.; cake polish, white, No. 5, 1s. 6d., 13s. 6d. doz.; No. T5, 9d., 6s. 9d. doz.; hand cream, No. 7, 2s., 18s. doz.; powder polish, No. 8, 1s. 6d., 13s. 6d. doz.; No. T8, 9d., 6s. 9d. doz.; paste polish, No. 9, 1s. 6d., 13s. 6d. doz.; clear liquid polishes, No. 10, 1s. 6d., 13s. 6d. doz.; No. T10, 9d., 6s. 9d. doz.; creme liquid polishes, No. 22, 1s. 6d., 13s. 6d. doz.; No. T22, 9d., 6s. 9d. doz.; lipsticks, No. 11, 2s., 18s. doz.; No. T11, 9d., 6s. 9d. doz.; cuticle cream, No. 13, 1s. 6d., 13s. 6d. doz.; cuticle oil, No. 14, 1s. 6d., 13s. 6d. doz.; No. T14, 9d., 6s. 9d. doz.; polish remover, No. 30, 1s. 6d., 13s. 6d. doz.; No. T30, 9d., 6s. 9d. doz.; emery boards, one doz., 2½ in., No. 37, 6d., 4s. doz.; half-dozen, 5 in., No. 38, 6d., 4s. doz.; quarter-dozen, 7 in., No. 44, 6d., 4s. doz.; orange sticks, half-dozen, 3½ in., No. 142, 6d., 4s. doz.; quarter-dozen, 5 in., No. 136, 6d., 4s. doz.; quarter-dozen, 6 in., No. 138, 6d., 4s. doz. Odorono series, regular, liquid (red), No. 305, 6d., 4s. 6d. doz.; No. 301, 1s. 6d., 13s. 6d. doz.; No. 302, 2s. 6d., 22s. 6d. doz.; instant (white), No. 315, 6d., 4s. 6d. doz.; No. 311, 1s. 6d., 13s. 6d. doz.; No. 312, 2s. 6d., 22s. 6d. doz.; ice, No. 306, 1s. 6d., 13s. 6d. doz.; new deodorant cream, No. 325J, 6d., 4s. 6d. doz.; No. 321J, 1s. 6d., 13s. 6d. doz.; deodorant powder, No. 331, 2s., 18s. doz.; compact powder, No. 323, 2s. 6d., 22s. 6d. doz. Subject to display terms as quoted in P.A.T.A. Year Book, 1938, p. 205.

Ipswich

STANDS AT EXHIBITION.—At the Ipswich Municipal and Suffolk Industries Exhibition, held at Ipswich, May 3 to 14, Mr. G. W. Hales, M.P.S., had a stand on which general pharmaceutical lines and toilet goods were shown, and J. A.

CONTENTS

See p. 561

Symonds, chemists, displayed cameras, cine apparatus and photographic goods.

DISPLAY PRIZEWINNERS.—The prizewinners in recent simultaneous window displays were Mr. V. A. Underwood, M.P.S., 13 Reynolds Road, and Wiggin & Son, chemists, 34 St. Matthews Street, Ipswich.

London

DEBATE.—At a meeting of the Wimbledon and District Pharmacists' Association and Branches, held on May 3, Mr. C. J. R. Pretty in the chair, Messrs. Pretty, Bowen and James were elected delegates to the Edinburgh Conference. Conference resolutions and amendments were discussed and instructions issued to the delegates. A debate on "Is the Chemists' Friends Scheme Worth While?" followed, Mr. H. Thomas leading for, and Mr. P. G. Taylor against. Many members took part, and on a vote being taken "for" was carried almost unanimously.

WOMEN PHARMACISTS.—The annual meeting of the National Association of Women Pharmacists was held on April 28, the president (Miss E. B. Blundell) in the chair. The president said that membership of the Association stood higher than ever, but was still not fully representative of qualified women. She referred to the good work of the Manchester Branch, and the meeting agreed that a greeting should be sent to them. The employment secretary urged more members to consider taking up retail work. Votes of thanks were passed to the auditors (Mrs. F. W. Adams and Miss K. Pearson), to the loan-fund trustees (Miss F. Edmond and Miss Sproule), to Miss B. Hodgkinson for help with the social side of meetings, and to the Council of the Pharmaceutical Society for the use of premises. It was agreed that women past-members of the Society's Council might be invited to become permanent honorary vice-presidents of the Association. A ballot for the election of the committee resulted in "no change." After the business meeting Mrs. Irvine, M.B.E. (a member of the Society's Council), spoke on "The Work of the Pharmaceutical Council." Mrs. H. Skinner proposed, and Mrs. Sharp seconded, a vote of thanks.

NORTHERNERS' ANNUAL MEETING.—The annual meeting of the North London Pharmaceutical Association and the North Metropolitan Branches of the Pharmaceutical Society and National Pharmaceutical Union was held on April 26, Mr. G. A. Tocher (president) in the chair. Officers were elected as follows:—*President*, Mr. Herbert Skinner; *Vice-President*, Mr. L. Hayward; *Treasurer*, Mr. J. J. Tyrrell; *Secretary*, Mr. A. E. Footit; *Chairman, N.P.U.*, Mr. G. A. Steel; *Secretary, N.P.U. Branch*, Mr. L. Hayward. Mr. Skinner expressed thanks to the retiring president, to whom, he said, all London pharmacists were indebted for his untiring work on the County executive. The treasurer reported a satisfactory balance, but pointed out that, owing to the changed date of the annual meeting, a complete financial year was not covered. The grant from the Society towards Branch expenses was considered to have been detrimental to Association subscriptions, and it was agreed that a new effort to give support should be made, particularly by chemists in business. The meeting unanimously resolved to support Mr. J. C. Young in the Council election. Delegates to the B.P. Conference were elected. Mr. R. Collings (*Victor Ludorum*) was presented with the cup awarded annually by Vinolia, Ltd., for merit in two sports, and Mr. J. Deas with the Selo cup.

Manchester

TENNIS COMPETITION.—The Manchester and Salford Pharmaceutical Association Tennis Club will be holding the Woolley Cup competition at Platt Fields on Wednesday, May 18, at 2.30 p.m.

GOLF.—The opening meeting of the Manchester and District Pharmaceutical Golfing Society took place at Romiley Golf Club on May 4. The competition was against bogey for a prize presented by Mr. R. Hough (Hough, Hoseason & Co., Ltd.), and the result was a tie between Messrs. A. Davies and T. Miller. This will be played off at the next meeting.

THREE FILMS.—At the Lesser Free Trade Hall, on May 3, Bayer Products Ltd. presented three films, "Malaria," "The Olympic Games" and "The Three Cavaliers," to Manchester pharmacists. Dr. Kolthoff, for Messrs. Bayer, reminded his audience that the occasion was the fiftieth anniversary of the founding of the firm's pharmaceutical department. Mr. W. E. Phillipson proposed a vote of thanks.

Norwich

CINE FILM.—At a meeting of the Norwich and District Branch of the Pharmaceutical Society, on April 12, Mr. J. E. Ellery (Evans' Biological Institute) spoke on "The Manufacture and Standardisation of Certain Biological Products." Mr. Ellery illustrated his lecture with a film showing the manufacture and standardisation of liver and pituitary extracts; methods used in testing the toxicity of mercurochrome; and the Friedman test for the diagnosis of pregnancy.

WORKS VISIT.—Members of the Norwich Branch of the Pharmaceutical Society and friends spent an afternoon inspecting the works of J. & J. Colman, Ltd., Carrow, Norwich, on April 28, when they were shown various processes in the manufacture of starch, mustard, laundry blue, barley water, etc. The visit concluded with tea in the staff dining hall, when a vote of thanks to Messrs. Colman, their staff, and guides was carried with applause.

Southport

SILENT AND SOUND FILMS.—At a meeting of the Southport Branch of the Pharmaceutical Society, on April 12, the president (Mr. L. G. Meachim) in the chair, Bayer Products, Ltd., presented the silent film "Modern Methods of Anæsthesia" and the sound film "Olympic Games." The first illustrated the use of Avertin as a basal anaesthetic, including the method of preparing the patient for anaesthesia and the dosage necessary; the use of the method of spinal anaesthesia for various operations; and the intravenous administration of Evipan-sodium. During refreshment a third film, "Dances on the Rhine," was shown. The president thanked Messrs. Bayer for presenting the films, and a reply was made by Mr. Edenborough who, with Messrs. Shuttleworth and Perkins was present on behalf of the firm.

Miscellaneous

ROTA.—Tavistock chemists have agreed upon a rota of Sunday opening. Each will open in turn from 12.30 to 1 p.m. and from 6 to 8 p.m. as from May 1.

WINDOW SMASH.—A lorry crashed into the shopfront of G. P. Fairman & Son, Ltd., chemists, Vine Place, Sunderland, recently.

CO-OPERATIVE SOCIETY RETURNS.—The half-yearly report of the Plymouth Co-operative Society shows that sales in the pharmacy department during the period ended March amounted to £22,887, an increase of £2,420.

PHARMACY ACT CASE.—At Stratford, London, Police Court, on May 4, Mrs. E. Geddes, 83 High Road, Chadwell Heath, Essex, was summoned for selling acetanilide in a proprietary preparation, not being an authorised seller of poisons, and for selling the poison in a container not labelled in the prescribed manner. Mr. A. C. Castle, for the Pharmaceutical Society, said Mrs. Geddes was the wife of Mr. P. C. Geddes, M.P.S., who had a business in Chadwell Heath. She was the owner of a drug store. For Mrs. Geddes, Mr. Gerrey said she did not devote her whole time to the business, but left it in charge of assistants. The magistrates, after consultation, said the case would be dismissed on payment of costs. When told that the costs were two guineas, they pointed out that Mrs. Geddes had previously intimated to the Society that she would plead guilty and witnesses could have been dispensed with. They accordingly allowed only one guinea costs, with eight shillings court fees.

Welsh Notes

Bangor

CONFERENCE RESOLUTIONS DISCUSSED.—The annual meeting of the Anglesey, North Carnarvonshire and Colwyn Bay Branch of the Pharmaceutical Society was held on April 27, the retiring chairman (Mr. H. Rogers Jones) presiding at the commencement. The secretary gave a report and the treasurer presented the financial statement. The following officers were elected for the coming session: *Chairman*, Mr. W. L. Thomas, Beaumaris; *Vice-Chairman*, Mr. Gwilym H. Hughes, Conway; *Treasurer* (re-elected), Mr. Gwilym H. Hughes; *Secretary* (re-elected), Mr. T. Noel Dixon, 301 High Street, Bangor; *Secretary for National Pharmaceutical Union Affairs*, Mr. Eirwyn Owen, Bangor. The executive committee will consist of the

Irish Industries Fair 1938

Report on page 548.



THE IRISH GLASS BOTTLE CO., LTD.



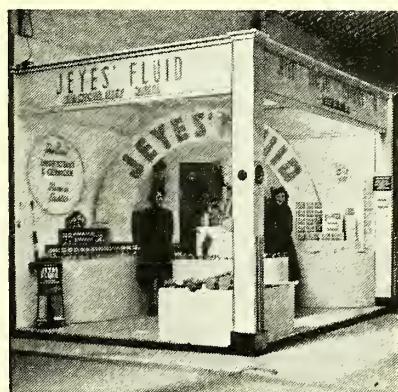
DAY, SON & HEWITT (IRELAND), LTD.



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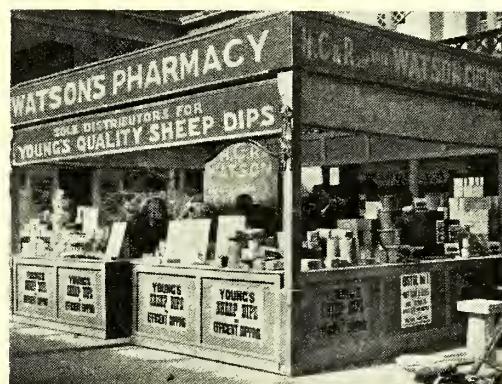
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JAMES CREAN & SON (1936), LTD.

officers of the Branch with Messrs. M. W. Lloyd (Colwyn Bay), Chas. Parry (Colwyn Bay) and H. R. Evans (Bethesda). The resolutions to be considered at the representatives' meetings at the Edinburgh Conference were placed before the meeting, and members expressed their views for the guidance of the delegates appointed.

Carmarthen

ELECTION OF OFFICERS.—A meeting of the Cardigan, Carmarthen and Pembrokeshire Branch of the Pharmaceutical Society was held on April 21, when Mr. M. Howells (a member of Council) gave an address which was appreciated. The following were elected officers:—*Chairman*, Mr. David Lewis, Ph.C., Llanrhystyd; *Vice-Chairman*, Mr. Lloyd, Solva; *Secretary and Treasurer*, John Gower, Llanelly; delegates to the Edinburgh Conference, Messrs. David Lewis and John Gower.

Wrexham

SOUND FILMS.—At a meeting of the Wrexham and District Branch of the Pharmaceutical Society on April 29, Mr. R. Shuttleworth (representative, Bayer Products, Ltd.) presented sound films on "The Blood" and "Olympic Games, 1936." Dr. Jeffrey Williams (chairman, board of management, Wrexham War Memorial Hospital) and about fifty nurses from local hospitals were present. Mr. G. R. Knox-Mawer proposed a vote of thanks, which was seconded by Mr. Lewis Edwards.

Irish Notes

I.D.A. Branch at Dun Laoghaire

A meeting of pharmacists in Dun Laoghaire borough area was held on May 5 for the purpose of forming a local association. Chemists were present from Dalkey, Sandycove, Blackrock, Dean's Grange, Mount Merrion, Foxrock, Ballybrack, Bootertown and other centres. After discussion, it was unanimously agreed to establish an association to be known as "The Dun Laoghaire Borough and District Association," as a branch, and subject to the rules and regulations of the Irish Drug Association. The following officers were elected: *Chairman*, Mr. M. J. Parkes, Blackrock; *Treasurer*, Mr. R. L. Hanna, Dean's Grange; *Secretary*, Mr. M. J. O'Rourke, Dun Laoghaire; *Committee*, Messrs. Ed. Tanner (Hamilton, Long & Co., Dun Laoghaire), C. D. Foley (Hayes, Conyngham & Robinson, Ltd., Blackrock), Hubert Cole, Sandycove, W. P. Mullen (Hayes, Conyngham & Robinson, Ltd., Dalkey). Mr. Brendan Smith (organiser, I.D.A.) addressed the meeting on the effect of the two Shops Acts which came into force on May 16. A discussion followed, and it was agreed that the half-holiday in the area covered by the association should be on Wednesday. On that day pharmacies will close at 1.30 p.m. and re-open at 3 p.m. to close at 7 p.m. It was decided not at present to ask for exemptions with regard to the sale of films, but to call a further meeting in June to review the working of the Shops Acts under the hours schedule agreed to. The association will meet at least twice a year to deal with matters of particular concern to chemists in the area, and provision has been made under which emergency meetings can be summoned if necessary.

Dublin Spring Show

Pharmaceutical and allied industries were well represented in the Irish Industries Fair run in conjunction with the Royal Dublin Society's Spring Show at Ballsbridge, Dublin, May 3 to May 7. In the Main Hall, Day, Son & Hewitt (Ireland), Ltd., were showing a range of veterinary proprietaries including Broncholine, Curdolix, Gaseous Fluid, and Kossolian. Close by was the stand of Watson's pharmacy (Hayes, Conyngham & Robinson, Ltd.), at which were exhibited agricultural, horticultural and veterinary specialities. Henry Bell, Ltd., Waterford, showed sheep dips, warble fly powder, and veterinary instruments. Dixon & Co., Dublin, had a colourful display of Diana cosmetic and toilet preparations. In the annexe, Kolynos (Sales), Ltd., showed Kolynos dental cream and other dental preparations made in Dublin. Irish Beauty Preparation, Ltd., Woodley Park, Dundrum, co. Dublin, exhibited Irish-made cosmetics and perfumes, with such titles as "Spring in Ireland," "Gay Dublin" and "Irish Twilight." In the machinery paddock, Osmond & Son (Dublin), Ltd., exhibited an array of veterinary products now being made in Ireland, including sheep dips, medicines, condiments, tonic

powders, ointments and dressings. One of the most imposing pharmaceutical stands in the Irish Industries Hall was that of Irish Pharmaceuticals, Ltd., Dublin, which was devoted to a presentation of Dawn beauty preparations. James Crean & Son (1936), Ltd., had a noteworthy stand in the same avenue where they exhibited a range of high-class and popular toilet and cosmetic products. Harringtons & Goodlass Wall, Ltd., Cork, carried an assortment of paints, disinfectants, and chemicals, all made at their Cork factory. Jeyes Sanitary Compounds Co. (Saorstat Eireann), Ltd., showed disinfectants and germicides for use in home, farm, stable and kennel. Modern signs for the chemist, both for daylight and night use, were to be seen at the stand of Irish Signs, Ltd. Glassware and dispensing and pharmacy bottles of all kinds were to be seen at the stand of the Irish Glass Bottle Co., Ltd., Ringsend. Spratts Patent (Ireland), Ltd., were showing dog and poultry foods.

Belfast

Mr. T. L. COLE, Ph.C., has accepted the office of High Sheriff of Belfast for a second year.

CO-OPERATIVE SOCIETY TAKINGS.—At the quarterly meeting of the Belfast Co-operative Society, Ltd., it was reported that returns in the pharmacy department had increased by 14½ per cent.

UNAUTHORISED TRADING.—Belfast chemists are organising to counteract encroachments on their business by outside traders selling proprietary medicines and baby foods. One chemist attributed the blame to wholesalers, who supplied outside traders, often against the wishes of the manufacturers.

REPRESENTATIVES AT THE METHODIST CONFERENCE.—Mr. S. J. Smiley, Ph.C., and Mr. J. W. Sandford, Ph.C., Larne, have been elected to represent Belfast District Methodist synod at the Irish Methodist Conference in Belfast in June. Mr. G. B. Johnston, Ph.C., Coleraine, has been elected to represent Londonderry synod at the same conference.

Miscellaneous

REQUIEM MASS.—The staff of Evans Sons Lescher & Webb (Ireland), Ltd., had a special Requiem Mass offered for the late Mr. T. Edward Lescher, Liverpool, formerly chairman of the company, at the pro-Cathedral, Dublin, on April 28, at which many Dublin pharmacists and some sixty members of the staff were present, among them Mr. W. Rowland Such (managing director), Mr. T. Moran (director), and Mr. G. Staunton, M.P.S.I. (representative). The Pharmaceutical Society of Ireland was represented by Messrs. P. C. Cahill (vice-president), F. J. Fitzpatrick (treasurer), and J. J. Kerr (Registrar).

Scottish Notes

Edinburgh and the P.A.T.A.

A JOINT meeting of pharmacists, under the auspices of the Edinburgh and South-Eastern Branch and the Scottish Pharmaceutical Federation was held at 36 York Place, Edinburgh, on May 6, to hear an address on the work of the Proprietary Articles Trade Association by the secretary (Mr. H. E. Chapman). Mr. J. B. Mitchell (chairman of the branch) presided, and Messrs. P. M. Duff (president, Scottish Pharmaceutical Federation) and John Weir (vice-president) were also present. Mr. Chapman gave an account of the initiation of the Association some forty years ago, and its subsequent development. The P.A.T.A., he declared, was by no means afraid of the co-operative societies, and had never had any hesitation in putting even big ones on the Stop List. The association received relatively limited support from Scotland, and he appealed for wider interest.

MR. DUFF said the P.A.T.A. system of protected prices was ideal, but there was something wrong. The manufacturing section seemed to dominate the position unduly. Scotland had been pressing the Council of the P.A.T.A. to arrange a conference of all interested parties to discuss improvements on the scheme. He thought the Association too timid in the matter of co-operative societies. A society was put on the Stop List and a week or two later was restored; that was really no penalty. In this question they could rely upon the support of multiple shop proprietors as much as on the individual pharmacist.

MR. BEATTIE said he had been informed by a chemist that a co-operative society had opened a drug department in his neighbourhood and customers had stated they were getting a dividend on protected proprietary articles.

MR. W. NISBET said on two occasions he had been approached by what was evidently a price-cutting agent to obtain supplies but had refused to have any dealings with him. He suggested that in cases such as that mentioned by Mr. Beattie the chemist should make purchases and send on the information to the P.A.T.A. They must have some concrete evidence to work upon. In an experience of eighteen years he had found the Association a satisfactory body to deal with.

MR. FERRIER said that in his district payment of dividend by the co-operative societies was a serious matter, but he would like to thank the P.A.T.A. for the work they had done. He had every hope that good would come out of it in the future.

On the motion of MR. MACPHERSON, seconded by MR. INNES, a vote of thanks was accorded to Mr. Chapman.

MR. WEIR moved a vote of thanks to the chairman.

Dundee

SCOTTISH CHEMISTS' BOWLING ASSOCIATION.—The annual "East" versus "West" Rink Competition will take place in Dundee on Wednesday, June 1. Rinks will be balloted at 1 p.m., in Royal British Hotel, High Street, Dundee. The winning rink will receive the custody of the Ayrton Saunders trophy. Entry-forms, which can be obtained from the secretary, Mr. William Peebles, M.P.S., 110 Springfield Road, Glasgow, S.E., must be returned not later than Monday, May 30, together with the fee of 2s. 6d. for each player.

ANNUAL MEETING.—The annual general meeting of the Dundee and East and Central Scottish Branch of the Pharmaceutical Society was held on April 29. A successful year was reported, and there was a credit balance of £19, all functions having shown a profit. The following office-bearers were appointed:—Chairman, Mr. J. Davidson; Vice-Chairman, Mr.

D. Robertson; Secretary, Mr. J. L. Brown; Committee, Misses Clark, Fyfe and Jenkins, Messrs. W. Foote, G. Mitchell, G. Fraser, D. Fraser and J. A. Milne; County Members, Messrs. H. Caird (Forfar), Ritchie (Montrose) and J. C. Smail (Perth); Conference Delegates, Miss Clark, Messrs. Foote, Mitchell and J. L. Brown.

Miscellaneous

GOLF MEETING.—The Scottish chemists' golf meeting will be held at Gleneagles on Wednesday, May 11.

J. C. MATHESON, chemists, Edinburgh, have purchased the business of Mr. H. L. Wallace, M.P.S., 85 Bruntsfield Place.

WHOLESALE DELIVERY.—T. & H. Smith, Ltd., have replaced their monthly motor delivery in Fife by a weekly delivery.

THE SCOTTISH CO-OPERATIVE WHOLESALE SOCIETY, LTD., are opening a branch pharmacy at 433 Cathcart Road, Glasgow.

MR. C. STEWART, M.P.S., Kirkcaldy, who has been indisposed, has now recovered sufficiently to be able to spend some time at business.

MR. W. SPENCE CULBERT, M.P.S., Airdrie, who is chairman of the local Community Service Centre, was presented to the King and Queen during their recent visit to Lanarkshire.

Bailie A. G. Adamson, M.P.S., Kirkcaldy, presented their caps to boys of the Scottish team at a dinner in the Station Hotel, when the Irish schoolboys' international team visited Kirkcaldy recently for the annual football match against Scottish schoolboys.

SHARK-LIVER OIL FACTORY.—The County Council of Argyll has given consent to the application by Mr. A. T. Watkins for permission to erect a basking shark-liver oil refining factory at Carradale, Kintyre. It is estimated that the factory, which is the first of its kind in Britain, will be in full operation in a month's time.

Topical Reflections

By Xrayser

Medical Service Proposals

The possibility of the extension of National Health Insurance medical benefit to another 19,000,000 people (*C. & D.*, May 7, p. 533) is one that I do not contemplate with anything approaching satisfaction. I see no way of softening the fact that such an extension would mean more contract work, with its attendant haggling over details as irritating as they are at first sight trivial. I remember the audible expression of pleasure, at a meeting I attended about twenty years ago, when it was announced that the minimum ingredient price in N.H.I. dispensing had been raised from 0.01d. to 0.1d. This, I gathered, was regarded in some quarters as a masterpiece of statesmanlike concession on the part of the Insurance Commissioners, a concession likely to alleviate, or even to end, all the troubles which had arisen or might arise between the parties to the dispensing agreement. Is this to be our attitude to potential contracts? Are we "lay persons" to be satisfied with the crumbs that fall from the British Medical Association's table? I have seen numerous Press references to the medical, dental, veterinary and (occasionally) nursing professions, but never, I believe, has pharmacy been ranked with these: its place, if indeed it received any notice, has been with such vocations as those of chiropodists and masseurs.

The "Protected" Profession

An amplification of Mr. Mallinson's remark (p. 524) that "the only fully protected profession was that of dentistry" would have been of service in this connexion. My contact with dental surgeons has usually been made from the position shown in the first act of "You Never Can Tell"; and from a somewhat lengthy experience of the kind I can put forward another aspect of this protection. I understand that the dental profession has two grievances. The first is that the medical profession secured, in the Dentists Act of 1921, the subordination of registered dentists to the General Medical Council, with the Dental Board as merely a court of first

instance. The second is that dentists are, by the trend of events, on the way to becoming State servants. The practical effect of the second condition, I am assured, is to render professional skill relatively unimportant; in other words, in the regimentation and standardising of dental work the dentist is not necessarily allowed to do all that his experience may suggest as desirable for his patients, but must first ascertain what the wishes of their approved societies are.

Pharmacy in a Back Seat

And where do pharmacists come in? I fear that they themselves have to some extent contributed to the state of things indicated at the end of my first paragraph. Revisiting, the other day, a provincial city that I used to know well, I noticed that with very few exceptions the pharmacies in the principal streets were inconspicuous and therefore not easily located by strangers. Surely humility in the matter of premises is misplaced: a pharmacy should proclaim itself a pharmacy in such a way as to be distinguishable at a short distance. Our business and profession is not apologising for its existence, and need not hesitate to hold up its head. A new instance of the relegation of pharmacy to the background—a region communicating with oblivion—is found in the Press obituary notices of the late Dr. A. P. Luff, to whose death reference is made on p. 534. I am not so assiduous a reader of newspapers as I used to be; but in one daily paper I saw the following sentence, a gem of its kind: "He took honours in several subjects at London University, was a gold medallist of the Society of Apothecaries, and was Pereira Medallist." This statement not only ignores Dr. Luff's association with pharmacy, but also carries for the average reader the implication that the Pereira medal is in the gift of the Society of Apothecaries. One does not know in such a case whether the information supplied to the paper conveyed this impression, but an emendation by someone familiar with the history of the Pereira medal would have been fitting.

Legal Reports

Dutch Law or Commercial Custom.—A claim for damages for breach of contract, following the refusal by the Diamond Fertiliser & Chemical Co., Ltd., Corn Exchange Chambers, Seething Lane, London, E.C., to accept a quantity of potash, was decided by Mr. Justice Goddard in the King's Bench Division of the High Court, London, on May 6. The company were the defendants in an action brought by Naamlooze Vennootschap Kunstmesthandel Voorheen L. Ten Cate, Utrecht, Holland, and Mr. Johannes Franciscus Van der Wielen, De Bilt, Holland, whose case was that, by a written contract dated August 12, 1933, the second plaintiff agreed to sell, and the defendant company agreed to buy, 600 tons, of 1,000 kilograms each, of potash. By the end of February 1934 they had delivered 212,037 kilos, but the defendants, they alleged, wrongfully refused to accept the remainder of the potash after it had been despatched, on the defendant company's orders, by lighter from Oirschot (Holland) to Ghent. The plaintiffs claimed a loss of twelve Dutch florins per 1,000 kilos, being the difference between the contract price of forty-two Dutch florins per thousand and the price of thirty Dutch florins per thousand obtained by Mr. Van der Wielen on re-sale to the first plaintiffs. They also asked for a sum representing demurrage on the two lighters. It was pleaded by the defendant company that in breach of the contract Mr. Van der Wielen tendered an amount of 398,690 kilos instead of 387,063 kilos, still due to be delivered under the contract, and that in further breach the potash was not in good merchantable condition for fertiliser, but was dirty, discoloured and contained hard lumps.

The plaintiffs admitted delivery on a quantity in excess of the contract quantity, but contended that, according to Dutch law, or commercial custom, the tender by the seller of 5 per cent. more or less than the contract quantity conferred no rights of rejection upon the buyer. During the hearing, evidence was given by experts describing the condition of the potash in the lighters, and aspects of Dutch law affecting the case were explained by Dutch barristers. Dismissing the action with costs, Mr. Justice Goddard said evidence had been given that the quality of the potash in one of the lighters was very good, and the defendant's expert had not been able to give the Court much assistance. On the balance, he was obliged to find that though there might have been some defects in the potash, these defects were not enough for him to declare that it was an unmerchantable cargo. The other point in the case was the fact that more was tendered than was actually due, and Mr. Van der Wielen demanded payment of the full amount of his invoice. With regard to the point that according to Dutch law or commercial custom the seller was allowed a latitude of 5 per cent., he was satisfied that the Dutch and English law in this respect were the same. If the parties had stipulated "more or less" in the contract he would have found that 3 per cent. would have been reasonable, but in this case there was no such stipulation. There was also no evidence upon which he could find that it was the commercial custom to allow this latitude.

Rescission of a Contract.—Mr. Justice Simonds, in the Chancery Division of the High Court, London, on May 5, heard an action brought by Mr. Archibald Rex Valentine, M.P.S., High Street, Cobham, Surrey, against Mr. C. H. Smith, 76 High Street, Wimbledon, London, S.W., claiming rescission of a contract dated June 9, 1937, made between the parties for the sale of the defendant's business as a chemist to the plaintiff and for the return of a deposit of £350 paid by him. Mr. Cleveland Stevens, K.C., and Mr. F. Baden Fuller appeared for the plaintiff, and Mr. F. M. Landau for the defendant, who counterclaimed for damages for breach of the agreement. Mr. Stevens said plaintiff had agreed to purchase the business and the lease of the premises at 76 High Street, Wimbledon, where it was carried on. He had repudiated the contract. Defendant had since sold the business elsewhere, and his counterclaim for specific performance of the agreement was now reduced to one for damages. Mr. Valentine claimed rescission on the ground that there were misrepresentations which induced the contract, and secondly that the lease contained unusual and onerous conditions of which he had no fair opportunity of informing himself. The negotiations between the parties took place on June 7 and 8. Defendant gave plaintiff to understand that he was selling

the business at the price he paid for it. He also said that the plaintiff would be better off than he was because he had had to pay for the book debts in addition. It was admitted in the defence that defendant paid £2,500 for the business and that the book debts were £250, not £400. The lease had twenty-one years to run, and the rent was £280 a year. According to plaintiff, it was agreed that he should take over the management of the business on June 14 to enable him to get some idea of what the business was like. On June 9 plaintiff paid the deposit to defendant's solicitor. On June 14 he went to the shop to take over the management, and was told he could not do so until he had paid the full amount of the purchase money. This did not suit him, and later, on the advice of his solicitors, he decided not to proceed further with the purchase. In his defence, Mr. Smith denied the representations alleged or that the lease contained unusual provisions. He also said that plaintiff had a fair opportunity of inspecting the lease, but did not do so. Giving evidence, Mr. Valentine said defendant stated he could not take less than £3,500 because he had borrowed that sum from friends in order to purchase the business. Defendant, giving evidence in support of his case, said he sold the business in March this year for £1,250. The stock was valued at £903 and the book debts were sold for £78 18s., half their value. Cross-examined, defendant admitted that he was not a registered pharmacist, and that if he had held himself out to be one he would have been liable to penalties. In 1937 the name on the facia board of the shop, 76 High Street, Wimbledon, was Mr. Davis, M.P.S., and over the door was the name of his limited company.

Mr. Stevens: What was the object of that?—Defendant: Not being a registered pharmacist, I was not allowed to run a chemist's shop unless by a limited company with a qualified chemist on the board of directors.

You employed two qualified chemists?—Yes.
Who sold the business?—I was the owner.

This device of having the name of the company over the door was to avoid rendering you personally liable to penalties for carrying on business not being a registered chemist or pharmacist?—Well, I was not allowed to carry on business unless I had that over the door.

I am suggesting that you were representing the business as a much better business than it was?—No. I represented the business exactly as it was. When Mr. Valentine came the takings were over £100 a week.

Asked whether he said he wanted every penny of £3,500 in order to pay back his relatives, defendant said he stated that he would not take less than £3,500. He did not say what he had paid for the business. He told plaintiff that he could see the books, book debts, lease or anything else he desired to see. Mr. Landau contended that there was no discrepancy in the figures which would justify his Lordship in coming to the conclusion that there had been any misrepresentation.

Giving judgment, his Lordship said the plaintiff, who was a qualified chemist, had entered into an agreement to purchase from the defendant the chemist's business and associated trades, with goodwill and existing lease, carried on by the defendant or by a company called C. H. Smith, Dispensing Chemists, Ltd. His Lordship held that plaintiff had no opportunity of examining the lease, which contained unusual covenants of which he had no knowledge when he signed the agreement. This alone supplied sufficient ground for rescinding the contract and ordering repayment of the deposit. Plaintiff also said that defendant, in the course of the negotiations, stated that he would not take a penny less than £3,500, because he had had to borrow the whole of that sum from his relations in order to purchase the business, and that there were book debts outstanding of the value of £400. Defendant denied that he made these representations. Between these conflicting statements his Lordship accepted the recollection of the plaintiff rather than that of the defendant as to what was said. At the same time, defendant did throw open his books to the plaintiff, who was given every opportunity of seeing the nature and scope of the business. Plaintiff was entitled on both grounds to rescission of the contract and repayment of his deposit of £350, with costs. By way of damages he was entitled to 4 per cent. interest on the £350 until payment. The counterclaim would be dismissed with costs.

Company News

P.C. means Private Company and R.O. Registered Office

NEOVITA, LTD. (P.C.).—Capital £100. Objects: To carry on the business of chemists, druggists, etc. R.O.: 5/11 Theobalds Road, W.C.1.

HEATON CHEMICAL & SOAP CO., LTD. (P.C.).—Capital £750. Objects: To acquire the business of soap manufacturers herefore carried on by Joseph Corcoran and Thomas Jones at 13 Cooper Street, Bolton.

SCUNTHORPE DRUG CO., LTD. (P.C.).—Capital £300. Objects: To acquire the business of a wholesale and retail drug store carried on by H. Abraham, junr., at Market Hall Buildings, High Street, Scunthorpe, Lincs.

NORLAND PRODUCTS, LTD. (P.C.).—Registered in Belfast. Capital £2,000. Objects: To carry on the business of chemists, druggists, etc. James A. Cromie, 38 Earlswood Road, Belfast, subscriber. The directors are not named.

EMBLEM LABORATORIES, LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of chemists, chemists' and druggists' sundriesmen, etc. John Entwistle, Ward Hill, Rivington, near Horwich, Lancs, director. R.O.: 1 Emblem Street, Bolton.

LAINGS (CHEMISTS), LTD. (P.C.).—Capital £4,000. Objects: To acquire the business carried on by J. Laing at 40 Wellclose Square, E.1, as J. Laing & Co., and to carry on the business of manufacturers of and dealers in chemicals, drugs, disinfectants, etc.

VITAHERBA, LTD. (P.C.).—Capital £1,000. Objects: To carry on business as producers and dealers in herbs, herbal preparations, etc. The first directors are to be appointed. Solicitors: Herbert Oppenheimer & Co., 1 and 2 Finsbury Square, E.C.2.

GALEN WALKER, LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of manufacturers and vendors of and dealers in non-poisonous vegetable remedies, manufacturers, and dealers in patent medicines, etc. Walter C. Baynes, 5 Richmond Road, Wakefield, director. Solicitors: Catterall Son & Boulton, King Street, Wakefield.

CHEMICAL INDUSTRIAL PRODUCTS (HULL), LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of manufacturing chemists and druggists, manufacturers of and dealers in disinfectants, acids, glues, pigments, etc. Stanley L. Johnson, 17 Anlaby Park Road, Hull, fish merchant (permanent chairman). R.O.: 64 Westbourne Street, Hull.

RECKITT & COLMAN, LTD..—It is announced that it is proposed to transfer the assets of Reckitt & Sons, Ltd., and J. & J. Colman to an operating company with the above title. Details of the amalgamation will be announced shortly.

IMPERIAL CHEMICAL INDUSTRIES, LTD..—It is announced that Sir John Anderson, late Governor of Bengal, and Mr. Peter F. Bennett, chairman of Joseph Lucas, Ltd., and president of the Federation of British Industries, are joining the board of this company.

BRITISH OXYGEN CO., LTD..—Accounts for 1937 show that, after allowing for depreciation of assets, the balance of profit amounts to £823,887, compared with £694,372. After reserving £127,500 for income tax and N.D.C., and deducting contributions to pensions funds, the net profit totalled £585,245, an increase of £64,293.

INTERNATIONAL SPONGE IMPORTERS, LTD..—Directors' report and accounts for the year ended December 31, 1937, show a net profit, after providing for all outgoings, depreciation and amortisation, reserves for currency depreciation, income tax, N.D.C. and bad debts, of £2,637 16s. 7d.; the balance brought forward from 1936 amounted to £4,045 14s. 2d., leaving a credit balance of £6,683 10s. 9d. The directors propose that the credit balance be carried forward. The re-organisation of the company's business and the centralisation of activities referred to in the directors' report of last year is now practically complete. The retiring director, Mr. H. B. Marks, offers himself for re-election.

KEMPTHORNE, PROSSER & CO.'S NEW ZEALAND DRUG CO., LTD..—Annual report and accounts for the year ended January 31, 1937, show the net profit for the year was £77,734 13s. 11d., to which is added £36,049 os. 6d. brought forward, making a total of £113,783 14s. 5d. After deducting interim dividend for half-year at the rate of 3½ per cent., £20,405, there remains a balance of £93,378 14s. 5d., which the directors recommended should be appropriated as follows:—To general reserve, £27,700; final dividend of 4½ per cent., making 8 per cent. for the full year, £26,235, leaving a balance carried forward of £39,443 14s. 5d. Messrs. W. Taylor and W. F. Edmond, the retiring directors, were re-elected. The directors, having regard to the strong financial position of the company, recommended the payment of a bonus of 5s. per share from general reserve to all shareholders on the register at March 1, 1938. At the fifty-ninth annual meeting, held in Dunedin on March 22, the chairman of the company (Mr. F. W. Mitchell) presided. In the course of his speech he referred to the strong financial position of the company.

Voluntary Liquidations

DR. W. GORDON HANNA, LTD., Peel Laboratories, Hindle Street, Accrington, manufacturing chemists. At the statutory meeting of creditors herein the statement of affairs showed ranking liabilities of £2,086 7s. 11d., all due to unsecured creditors. After allowing £35 18s. 6d. for preferential claims, the net assets were £664 1s. 6d., or a deficiency, as regarded the creditors, of £1,422 6s. 5d. The company was registered in August 1930 with a nominal capital of £2,000, divided into 8,000 ordinary shares of the face value of 5s. each. The issued capital was £1,160, all of which was fully paid up. During the year to August 1937 there was a trading loss incurred of £1,708, the turnover being £2,200. It was pointed out that in order to achieve a satisfactory realisation it would be necessary to dispose of the business as a going concern, and negotiations to that end were being commenced. Resolutions were passed confirming the voluntary liquidation of the company with Mr. H. B. Britcliffe, C.A., Accrington, as liquidator, with a committee.

ARTHUR REES, LTD., dispensing chemists, late Northumberland Avenue, Charing Cross, London, W.C.2. The statutory meeting of creditors of the above was held recently at Andertons Hotel, Fleet Street, E.C.4, when the solicitor to the company said that Mr. Arthur Rees, the founder of the business, was seriously ill and unable to attend. The chair was therefore occupied by his wife. It was stated that the shareholders had previously passed a resolution for the voluntary liquidation of the company, and had nominated Mr. H. Alan Kellie, C.A., 64 Victoria Street, S.W.1, as liquidator of the company. The solicitor mentioned that the business had been going down for some years, chiefly owing to the illness of Mr. Arthur Rees, coupled with the fact that several large hotels in the vicinity had closed down. The assets included stock £2,430, according to the last balance sheet at January 1937, but the accountant understood that that stock would be worth about half that figure to-day. Fixtures and fittings had also been shown in the last balance sheet at £350, which could be reduced by 50 per cent., and book debts outstanding amounted to £164. The business was now closed down, and the directors of the company could make no offer of composition. It was stated that the company had been losing money since 1931. According to the balance sheet for the year to June 1937, the sales were £4,522, the purchases £3,092, the gross profit £1,539, and the net loss £153. A resolution was passed confirming the voluntary liquidation of the company, with Mr. Kellie and Mr. A. Granville White as joint liquidators.

Gazette

Partnership Dissolved

KAHN, L., and MICHAEL, H., 527-533 Harrow Road, London, W.10, powder puff manufacturers, under the style of Leopold Kahn.

Council Candidates

IN our issues of April 23, April 30 and May 7 we published the statements of nine of the twelve candidates contesting the seven vacancies on the Council of the Pharmaceutical Society. We now conclude the series.

Mr. Herbert Hodgson

Mr. Hodgson served a five years' apprenticeship in Leeds, after which he gained experience in various parts of Yorkshire, prior to studying for the qualifying examination under the late Mr. Pilkington Sargeant at the Leeds College of Pharmacy. During the war he served with the K.O.Y.L.I. For thirteen years Mr. Hodgson was associated with the late Mr. F. G. Hines (past-president of the Pharmaceutical Society) at York, and became the first secretary of the York Branch of the Society. In 1927 he bought a business in Horsforth, Leeds. In 1930 he was elected to the committee of the Leeds and District Branch of the Society, and became chairman in 1937. He was a member of the Publicity Committee at the Leeds meeting of the British Pharmaceutical Conference in 1934. Mr. Hodgson is a member of the Horsforth Urban District Council; governing body of the Aireborough Grammar School and of the board of management of the Wharfedale Isolation Hospital.

In response to our request, Mr. Hodgson states his policy is "Pharmacy for the Pharmacist," with reservation of dispensing and sale of medicines to the pharmacist; universal N.H.I. with a rate of remuneration in keeping with the specialised nature of work; abolition of the discounting clause. Mr. Hodgson favours a joint council composed of members of every organisation within the craft to form a united front, without which there is little hope of ever improving the status of pharmacy in this country. Mr. Hodgson considers that direct representation in Parliament is long overdue. He would welcome an organisation of employees, both qualified and unqualified, within the craft, with a view to regulating wages and conditions of service generally. He considers that this would help the proprietor pharmacist by stabilising prices and would give us a greater bargaining power with the Government.

Mr. A. R. Melhuish, Ph.C.

Mr. Melhuish passed the Major examination in 1891 and was subsequently with Squire & Sons, Oxford Street, W., for two years. In 1898 he acquired the business of E. Burden & Co., 78 Duke Street, Grosvenor Square, W., which he still carries on. Mr. Melhuish has been president (in 1914-16) of the Western (London) Pharmacists' Association, a member of the Pharmaceutical Society's Board of Examiners for England and Wales, and at the present time is chairman of the London Insurance Committee, being the first pharmacist to hold this office. As chairman of the Retail Pharmacists' Union Executive, he gave evidence before the Royal Commission on National Health Insurance, and also before the Departmental Committee on Morphine and Heroin Addiction. Mr. Melhuish succeeded the late



MR. A. R. MELHUISH, Ph.C.

Mr. E. White as chairman of the Establishment Committee, and has taken part in the work of revising the British Pharma-

ceutical Codex. He was president of the Pharmaceutical Society in 1930-32.

Mr. Melhuish writes:—In again asking for the support of the pharmaceutical electors I can confidently say that during my service on the Council I have based my policy and efforts upon making the very best of the rights and privileges that we, as pharmacists, have to-day and upon endeavouring to the best of my ability to plan wisely and carefully for the future. I firmly believe that the principal aims of pharmaceutical policy, both for employers and employees, should be:—

To secure a better and more assured position for pharmacists in the community.

The ultimate separation of dispensing and prescribing.

A realisation of the vital importance of National Health Insurance, its inevitable extension and revision and, for pharmacy, the great principle involved.

To oppose all unqualified encroachment and to support by every possible means the restriction to chemists of the sale of medicines.

Publicity in relation to the pharmacist and his qualification.

The retention of the rights and privileges of the chemist in the revision of patent medicine legislation forecast in the Chancellor's speech.

Parliamentary representation.

These interrelated problems and many others, economic and educational, call for all our efforts and the closest scrutiny and investigation. I have therefore strongly supported the appointment by the Council of the Inquiry Committee covering with its sub-committees the whole field of political, trade and professional pharmacy. The report of this Committee, when received, will be a wide survey of the whole situation and serve to show pharmacists what can and cannot be done. I believe that it will also point the way to a more definite and clear-cut policy that can be supported by all pharmacists for the promotion of our rights and privileges and the betterment of our many-sided calling.

Mr. James Clements Young, Ph.C.

Mr. Young, who is in business in North London, began his pharmaceutical career in the manufacturing laboratory of James Woolley, Sons & Co., Ltd., Manchester, under Mr. J. H. Franklin, Ph.C., now a member of the Pharmaceutical Society's Council, and Mr. W. J. Scholes, now on the N.P.U. Executive. Mr. Young qualified in 1894, and passed the Major in 1895. He then went to Boots, Ltd., at Nottingham, where for five years he was in charge of the manufacture of galenicals and B.P. preparations. Following this, he commenced business on his own account in the retail in North London, and has been there ever since. He is a past-president of the North London Pharmaceutical Association, also past-president of the North Metropolitan Photographic Dealers' Association, a member of the Middlesex Pharmaceutical Committee, and is at present president of the London County Pharmaceutical Association.

Mr. Young writes: We live in a changing world and pharmacy cannot expect to be exempt. Pharmacists are few in number, with not many privileges, and even some of these are being challenged. We have only to recall the report of the Select Committee on Patent Medicines and to think of the increase in the number of licensees, of the numerous clinics, of drug stores, and huge, fixed price emporiums, all taking heavy toll of our legitimate business. Matters have become so acute in these and other directions that the Council have set up a Committee of Inquiry to investigate the whole field of pharmacy, to see what can be done to remedy these abuses. We



MR. J. C. YOUNG

were all pleased to note this month the extension to juveniles of the National Health Insurance services, and I am anxious to strengthen the hands of the N.P.U. in every practical way that eventually we may arrive at the stage of increased remuneration, and the discontinuance of discounting. At the present time medical science is developing more rapidly than ever before. The educational example set by the School of Pharmacy, and the valuable work of the Pharmacological Laboratories, have done much to increase the prestige of pharmacy and at the same time bring pharmacy into line with the ever-widening medical requirements. We need not fear unqualified competition along these lines. There has been a 50 per cent. change in the personnel of the Council during the last three years. It seems to me that with recent legislation still uncrystallised, with the Committee of Inquiry still sitting, and with years of preparation for the new headquarters nearing fruition, further change on the Council at the present time would appear to be very unwise. We are all agreed that the new headquarters are a necessity, but a difficult problem has been made still more difficult by world unrest and the burden of armaments, which has rushed up building costs. Under the circumstances, a wise economy was never more needed, and along with it experienced administrators able to carry it out.

Mr. F. E. S. Clarke asks us to point out that in his statement of policy in the *C. & D.*, May 7, p. 536, the paragraph commencing "I want to submit . . ." refers to the limitation of pharmacies.

Speeches at West Ham

FIVE candidates in the Pharmaceutical Society's Council election addressed the West Ham and District Association of Pharmacists on May 5, the president (Mr. Dennis Desmond) in the chair.

MR. F. E. S. CLARKE questioned whether the present Council represented the right outlook upon pharmacy. Compulsory membership had widened the electorate, and he felt there should be wider representation. He felt there would be no sound basis on which they could hope to have a stable livelihood until they had secured by legislation the reservation of dispensing. He dissented from the view that they would have a monopoly of the supply of drugs—what they would have would be a monopoly of service. He was apprehensive of the findings of the Committee of Inquiry, but keen on any schemes to unite the branches. They had unreasonable resolutions every year at the annual conference, and he thought combination of branches would prevent this. He disagreed with the policy of having only retail pharmacists on the Council, although he thought they should predominate. Institutional, manufacturing and educational interests should be represented by nomination. Chemists could not deal with the limitation of pharmacies while they had encroachment by the unqualified trader, but he was against legislative interference in the matter.

MR. J. H. FRANKLIN stated that he had the confidence of all branches of pharmacy in Lancashire and district. He advocated reservation of dispensing, freedom from jury service, and parliamentary representation. He thought the time had come when they should have better fees and fight against discounting, and wanted to support any effort made to get the public conscious that pharmacists were the people to come to when they wanted medicine. The time had come when they should consider the number of people entering pharmacy.

MR. H. HODGSON said he was a newcomer in pharmaceutical politics as far as Loudon was concerned, but he had had experience in all branches of the industry. He believed in pharmacy for the pharmacist, and was opposed to bureaucratic control. He favoured a joint council of all branches of the craft, and would welcome an organisation of employees in the craft. He thought the subscription was sufficient and should not be increased, and was in favour of the co-ordination of the branches, so they could get the problems of the individual traders put on the table.

MR. F. C. WILSON said he was a branch secretary at the age of twenty-two, and had since been chairman of the branch. He had been appointed to the Committee of Inquiry and he did not think there would be any contentious matters in the

report. If elected he would oppose any expenditure which would increase the fees of chemists, even ten years hence. He would like to see the universities encouraged to grant degrees in pharmacy. He advocated the redistribution of pharmacies and pointed out that in the West Riding of Yorkshire, although the population had increased by only 2 to 4 per cent. in industrial areas, pharmacists had increased by 50 to 60 per cent. In rural areas the population had increased by 10 to 20 per cent. and the pharmacists by 25 per cent.

MR. J. C. YOUNG said he had been in a retail shop of his own for the past thirty years. He considered the retailer was the man who needed more help. Employee pharmacists were not represented on the Council, which he thought was wrong, as representation would mean that the employees would realise the employers' difficulties. He thought the abuses in the trade were patent to everybody, but the difficulty was finding the remedy; it was essential they should have a member of Parliament to educate other M.P.s.

QUESTIONS

THE CHAIRMAN said he would like Mr. Wilson to give an explanation of the Huddersfield advertising scheme, to which he had only briefly referred in his speech.

MR. WILSON said that one shilling a week was collected from the Huddersfield chemists. He believed it was payable quarterly in advance. Each week a four-inch single-column advertisement appeared in the local paper—not in the advertising part but in the news columns—which referred to something of topical interest.

MR. REED asked Mr. Hodgson whether he included both qualified and unqualified assistants in his suggested union of employees.

MR. HODGSON, in reply, said he was only concerned with the retail and not the wholesale side. He thought it would be to the benefit of the craft if the unqualified people were represented.

MR. REED asked whether assistants in the multiple shops behind the fancy and chemists' counters would also be included.

MR. HODGSON said they would naturally have to come in until they reached their ideal. When they had the reservation of dispensing and the sale of medicines confined to chemists chemists would probably be too busy to worry about the sales on the toilet counter. He agreed that a union of apprentices would be a start.

MR. BLUMENTHAL (vice-president), who proposed a vote of thanks to the speakers, assured them he would vote for them all. MR. S. CLIFFORD JONES seconded, and after MR. FRANKLIN had proposed a vote of thanks to the chairman the meeting terminated.

Trade-Mark Applications

(From "The Trade Marks Journal," April 27, 1938)

- "ENTO-JEL" (word 'Jel' disclaimed); for medicinal chemicals (3). By Eli Lilly & Co., 740 South Alabama Street, Indianapolis, Indiana, U.S.A. 583,728. (Associated.)
- "ELTA"; for photographs and photographic paper (39). By Ciné-Equipments, Ltd., 35 Colmore Row, Birmingham, 3. 583,443.
- "ELANTA"; for photographs and photographic paper (39). By Birmingham Photo Finishers, Ltd., 17 Cox Street West, Birmingham, 12. 583,475.
- "ENDELLO"; for liquid depilatories (48). By Higginbotham & Co., 24 Hamilton Road, Lancing, Sussex. 583,411.
- Design for coat-of-arms; for perfumery (48). By Tokalon, Ltd., Chase Road, London, N.W.10. 583,686.
- "ENTENTE"; for perfumery (48). By Maurice Blanchet Parfums de Luxe, 21 Rue Pierre Dupont, Suresnes (Seine), France. 583,430.
- "MATTAMOIRE"; for setting lotion for white hair (48). By Mattamoire, 21 North Street, Carshalton, Surrey. 583,822.
- "CHENOVA"; for all goods (48). By R. Hovenden & Sons, Ltd., 29 Berners Street, London, W.1. 584,457.
- "BONNE NUIT"; for artificial silk hair nets (50). By M. Criscuolo & Co., Ltd., 19 St. Cross Street, London, E.C.1. 582,425.

(From "The Trade Marks Journal," May 4, 1938)

- "TROJAX"; for photographic chemicals, etc. (1). By Durolake Paint & Varnish Co., Ltd., 16a Newman Street, London, W.1. 584,382.
- "LANDOIL"; for photographic chemicals, etc. (1). By Naamlooze Vennootschap Industriële Maatschappij Voorheen Noury and Van der Lande, 13 Brink, Deventer, Holland. 584,472.

Unsound Food or Drug Liability

THE decision of Mr. Justice Lewis in *Square v. Model Farm Dairies (Bournemouth), Ltd.*, which was given in the King's Bench Division, High Court, London, on May 10, may be regarded as enlarging considerably the liability to members of the public of every person who sells any article of food or any drug whatsoever. The case was one in which a dairy sold to a customer milk which was contaminated by the presence of the typhoid germ, in consequence of which some of the members of his family and household contracted typhoid fever and became seriously ill. No negligence of any sort could be imputed to the dairy, who on the contrary made every reasonable inspection and otherwise took every reasonable precaution to ensure the purity of their milk. The milk sold, however, unfortunately became infected with typhoid through a source which could not have been reasonably anticipated. In these circumstances the Court was called upon to determine the question of the liability of the dairy who sold the milk to the purchaser and to other persons who had consumed it and between whom and the dairy there could not have been any contractual relationship.

Implied Warranty

As far as the actual purchaser was concerned, he was of course entitled to rely in any case on the implied warranty under S. 14 of the Sale of Goods Act, 1893, so he was entitled to recover damages under this section. It is necessary, however, in such a case, for the purchaser to prove, *inter alia*, that he had made known to the seller the particular purpose for which the goods were required—in this case for human consumption—so as to show that he relied on the seller's skill and judgment. But persons other than the purchaser himself, such as the members of his family and household, could not rely on this warranty, since no contract of sale or otherwise would have been entered into by them with the dairy. But such persons are entitled to recover under the law of tort in two cases, viz., under the principle of *Donoghue v. Stevenson* and on the ground of breach of statutory duty.

The principle of *Donoghue v. Stevenson*, where a snail was present in a ginger-beer bottle, is this: "Where a person places an article of food or drink upon the market and has intentionally so excluded interference with and examination of the article by any intermediate handler of the goods between himself and the consumer that he has of his own accord brought himself into direct relationship with the consumer, the consumer will have an action of negligence if the manufacturer has not exercised reasonable care to secure that his article shall not be harmful to the consumer." The supply of milk by a dairy is to be regarded as coming within the principle of this decision, even though the dairy sells the milk direct to a member of the public, and his family and household and friends who might consume the milk thus supplied to him would on proof of negligence be entitled to sue the dairy. But the manufacturer and, for this purpose, a dairy is to be regarded as a manufacturer, is not an insurer, and negligence must be proved. As no negligence at all could be established against the dairy in *Square v. Model Farm Dairies (Bournemouth), Ltd.*, the members of the purchaser's family and household who suffered damage in consequence of drinking the milk supplied were not entitled to recover against the dairy on the principle of *Donoghue v. Stevenson*.

Breach of Statutory Duty

But there was another ground on which they were held to be entitled to recover and that was on the ground of a breach of statutory duty.

Where a statute creates a duty on a person, it *prima facie* creates a correlative right vested in the persons for whose protection and benefit that duty had been imposed, and thereby *prima facie* confers on such persons a right to enforce that duty by a civil action for damages where damage is suffered as a result of a breach of the duty. Whether or not such a remedy is to be regarded as conferred by the statute must depend on the intention of the Legislature in creating the duty. The Legislature may in some cases have no intention of conferring a civil remedy on the individual, and again if a

remedy is provided it may be limited to the recovery of a penalty merely.

But even where a remedy by civil action for damages is conferred, the action can only be maintained by a person who comes within the class of persons for whose protection and benefit the statute was passed, and the damage suffered, moreover, must be of a kind intended to be guarded against by the statutory duty imposed. A recent and important illustration of this is afforded by the case of *Monk v. Warbley*, 1935, 1 K.B., 78. It was held in that case that the owner of a car who permits a third person to drive it while it is uninsured against third-party risks is liable in damages to a third party who is injured in consequence of the negligent driving of the driver, the liability being based on the breach of statutory duty committed by the owner with respect to the use of the car while uninsured against third-party risks. The remedy provided in such a case is not to be regarded as being limited to the penalty imposed by the statute for non-performance of the requirement as to third-party insurance. The principle of this case was regarded as also applying to *Square v. Model Farm Dairies (Bournemouth), Ltd.*, for the following reasons. Section 2 of the Food and Drugs (Adulteration) Act, 1928, provides that "no person shall sell to the prejudice of the purchaser any article of food or any drug which is not of the nature, or not of the substance, or not of the quality, of the article demanded by the purchaser." The Court was of opinion that the above provision created a statutory duty, not only towards the purchaser but also towards any consumer of the article supplied, and that the remedy for a breach of the duty included the right to recover damages by civil action. On this ground accordingly, viz., breach of statutory duty, the members of the family and household of the purchaser of the milk were held entitled to recover damages against the dairy who had supplied the milk.

Insurance Act Dispensing

ENGLAND AND WALES

Birkenhead.—In two test prescriptions referred to the Pharmaceutical Service Subcommittee for investigation, the chemists in one case were warned that the Insurance Committee require more accurate dispensing. Prescriptions issued and priced in respect of the Birkenhead area in 1937 totalled 302,963 (cost of ingredients and dispensing fees £10,637). The Committee disallowed several prescriptions for drugs or appliances wrongly ordered by practitioners which did not form a proper charge on the chemists' fund. These included capsicum wool, coffee extract, elastic knee cap, eye shades, glass rod, red litmus paper, rubber syringe, and rubber tubing. The cost of these items was deducted from the practitioners' remuneration.

Northampton.—Complaints of inaccurate dispensing of prescriptions have led to a firm of chemists being warned and another being fined £1. The two cases were out of five tests made. A member considered that the number of tests taken in a year was insufficient, and the Clerk stated that the yearly number of tests—eighteen—was fixed by the Ministry.

Northamptonshire.—Investigation of two complaints arising out of the testing of drugs showed that in one case six fluid ounces instead of eight were dispensed. The firm concerned expressed regret at the error, and the subcommittee were satisfied that there was no attempt to defraud; they felt a warning would meet the case. In the other instance the pharmaceutical representatives suggested that a measurement which should have been multiplied by three was not multiplied. The subcommittee recommended withholding £1 from the remuneration of the firm.

Worcester.—The following statistics were presented at a recent meeting of the Insurance Committee:—Insured persons, January 1, 1937, 755; Chemists on panel, 202; Prescriptions issued, 462,054; Average cost per prescription, 8.2d.; Average cost per insured person, 2s. 9.2d. It was agreed that in fairness to resident chemists who were frequently called upon to dispense on Sundays when the pharmacies were closed, an adequate fee was called for.

Skin Eruptions from Drugs

THE various eruptions caused by the administration of medicinal substances are detailed in an article by Dr. R. M. Bolam, who has investigated the effects of oral, intramuscular and intravenous doses of different drugs ("Medical Press and Circular," April 20, 1938, p. 334). The following are among drugs which, when given by mouth, may cause eruptions:—Antipyrin, arsenic, atropine, bromides, chloral, copaiba; hypnotics: (a) urea compounds, (b) barbiturates; iodides, morphine, phenolphthalein, quinine, salicylates.

Sulphanilamide is reported to cause, in certain cases, a macular rash resembling that of measles, which disappears on discontinuing the drug. In general, the method of treating the foregoing eruptions caused by drugs should be directed to discontinuation of the preparation, and when necessary local applications, such as lotions, dusting powder or calamine cream, may be of assistance.

Antitoxic serums which are given for diphtheria, scarlet fever and tetanus, sometimes cause allergic actions. The rash may appear in a few hours or a few days if the patient has been previously injected with the serum. If no serum has been given previously, the rash takes longer to appear. Urticaria is accompanied by a general disturbance such as high temperature, pains in the joints and headache—the rash often being worst where the injection has been given. The treatment of such a rash usually consists of a subcutaneous injection of about 5 minimis of adrenalin solution (1-1,000), which if necessary, is repeated in four hours. Calamine lotion usually gives relief if applied locally. Certain substances given by intramuscular injection for syphilis, such as bismuth, produce occasional eruptions following prolonged administration. Mercury injections are recommended to be alternated with, or to

replace, those of bismuth in such cases, and calcium thiosulphate in 6 gm. doses per day is given successfully in relieving the condition. In the treatment of quiescent pulmonary tuberculosis, rheumatoid arthritis and lupus erythematosus, intramuscular injections of gold are given. Toxic reactions can often be avoided by a careful selection of the case for this treatment, and by spacing out the doses. The eruptions associated with gold injections range from itching erythema to a papular and scaly rash with pigmentation, and may be followed by a dermatitis and falling of the hair and nails. The injections may further produce conjunctivitis and albuminuria in severe cases. Arsenic injections given intramuscularly cause similar eruptions to those following intravenous administration.

Preparations of arsenic given in the treatment of syphilis may cause:—(1) An early vascular eruption with oedema and flushing of the face a few hours after the first injection; (2) milder symptoms such as pruritus, urticaria and transient erythema, which may appear following the first few injections. The treatment for these cases should be modified; (3) erythema of the forearms with scaling is regarded as an early sign of arsenical dermatitis and is an indication that injections should be ceased. The treatment of this condition consists of 0.9 of a gm. of calcium thiosulphate, given daily intravenously. A light diet and glucose by mouth are advocated, and a calamine lotion followed by dusting powder may be applied. The hands and face can be treated with an ointment containing zinc oleate, liquid paraffin and soft paraffin in equal parts. Individuals who are affected by chronic seborrhœic dermatitis or focal infections in the mouth or throat are particularly prone to arsenical dermatitis. The skin eruptions following gold compounds given intravenously are similar to those produced by intramuscular injections of gold already referred to.

Insect Bites and Stings

PREPARED to prevent insect bites or to relieve irritation following the attack have nowadays a steady sale in the summer months. The insects responsible may roughly be divided into two classes:—(a) Blood-sucking insects such as mosquitoes, midges and bugs; (b) stinging insects such as bees, wasps, hornets. The old belief that the intense irritation caused by the bite or sting of an insect was due to formic acid has been completely refuted by recent investigations. The poisons injected by many insects, during a sting or bite, are closely related to snake venom, and consist mainly of nitrogen-free degradation products allied to sexual hormones. In character they closely resemble the bile acids and saponins, and are thus non-protein. Although some formic acid is present in the sting of the bee, the proportion is far too small to cause the typical irritation. It is interesting to note that each sting of a bee injects about 0.2 mg. of poison, and, quantitatively, the effect is much greater than that of snake venoms. The small quantity injected is the only factor regulating their comparative harmlessness to human beings. An important point concerning the character of insect poisons is that whereas the sting of the bee is acid in reaction, that of the wasp is alkaline. Hence, assuming some value for alkaline preparations in the treatment of certain stings, such products are useless for wasp stings. The household remedy should invariably be lemon juice or vinegar, and any preparation marketed for wasp stings should preferably contain citric or acetic acid.

Many aromatic bodies have been employed to deter the insect from biting or stinging, but cod-liver oil can be well recommended against flies, mosquitoes and ticks. It has been used in place of petroleum to cover the surfaces of ponds and pools to allay breeding, and for human use may be presented in a lanolin base (75 per cent.)—with or without a quinine salt. Preparations of wormwood are also highly objectionable to many insects. The following formulas will indicate the usual composition of the aromatic anti-insect preparation, and could usefully be improved by adding tincture of wormwood in place of some of the spirit:—

	I	
Citronella oil	11
Lavender oil	20
Ho (Shiu) oil	22
Industrial spirit	to 100

Ho oil is obtained from a member of the *Lauraceæ* cultivated in Japan and has an odour resembling that of linaloe oil. An article describing ho oil appeared in THE CHEMIST AND DRUGGIST, March 20, 1937, p. 345.

II

Camphor ..	.. . . . .	5
Cedarwood oil ..	.. . . . .	20
Citronella oil ..	.. . . . .	40
Spirit ..	.. . . . .	35

Kerosene has also been recommended as a prophylactic against mosquitoes, but it is not very suitable for personal use.

The sting of a bee or wasp can be dangerous if the attack is made on the face or the tongue. The poison from a wasp sting diminishes coagulability of the blood, hence additional treatment should consist of 20 gr. doses of calcium lactate. The most successful method of reducing the swelling and pain caused by insect bites or stings is that depending on the use of agents having osmotic action. Reduction of skin tension is thus brought about and pain relieved. Saturated solution of magnesium sulphate is most effective and in ordinary honey is useful as a temporary application. The following formulas are useful for treating insect stings and bites (except wasp stings) in general:—

	I	
Sodium carbonate	3
Menthol	0.75
Lavender oil	3
Water	40
Spirit	to 100

	II	
Phenol	30 gr.
Liq. potassæ	60m
Eucalyptus oil	3m
Distilled witch hazel	120m
Water	to 2 oz.

If attempts are made to remove a sting with tweezers or the fingers, the pressure exerted will cause more poison to be injected into the wound. The sting should therefore be lifted out by an upward scraping motion with a knife blade, followed by dabbing with an antiseptic solution or the last solution given above.

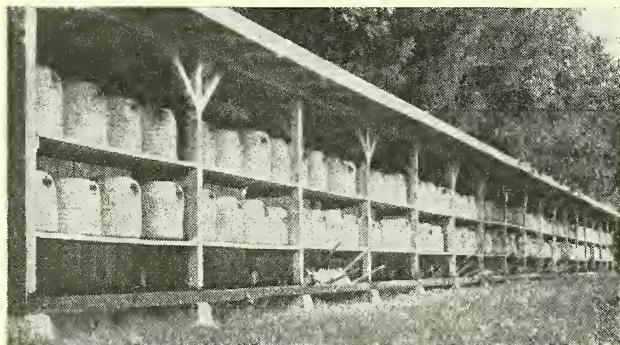
Bee-Venom Therapy

THE introduction of bee venom in a purified form has led to the popularising of the substance for the treatment of rheumatoid arthritis. It was formerly thought that the beneficial action of bee venom was due to the presence of formic acid, but as pointed out in an article on insect bites on page 555 of this issue, the action is analogous to that of snake venom. It is announced ("British Medical Journal," April 16, 1938, p. 858) that Kroner, working in the Cornell University, has made investigations with the venom on 100 cases of rheumatoid arthritis. These patients were divided into three groups: (a) Those in whom the disease was of the advanced type; (b) those in whom the condition was less severe, but who presented characteristic features, such as swelling of the finger joints; and (c) those with no objective signs, but who complained of pain in and tenderness of the joints. It is stated that definite improvement in the patients was observed in seventy-three cases, and seventeen were entirely free from symptoms six to twelve months later. The greatest improvement was noted in those with the least severe symptoms, but benefit was noticed in six out of ten most severe cases. It is pointed out that no controls were used, but a comparison was made with the results obtained in a group of 103 patients treated by other workers, by such procedure as tonsillectomy, and administration of a haemolytic streptococcal vaccine. Improvement was observed in 58.3 per cent. of these. Kroner, it is stated, chose for his patients those who had previously had a focus of infection removed, and all of them received cod-liver oil, a vitamin-rich diet and heat to the joints, to which supplementary treatment must be attributed some of the improvement observed. The value of rest and general improvement of health without specific treatment is emphasised by another worker who, some time ago, noticed that in a series

forms. The treatment is also applied in allergic disorders such as hay fever. Professor Schittenhelm, Munich, found that the blood-cholesterol level of rheumatic subjects rose



Spreading bee-venom ointment



Group of old-style hives

of 300 cases so treated many patients showed considerable improvement; nevertheless, the results of the present work by Kroner are particularly encouraging.

Chemistry and Production

Until a few decades ago, bee-venom therapy had not the sanction of medical approval, although the treatment had been popularly applied since ancient times. Reference to the healing powers of the honey bee is, in fact, to be found in the writings of Hippocrates, Paracelsus and Galen. Towards the close of the last century, Dr. Terc, Marburg-on-Drau, Yugoslavia, began to occupy himself systematically with the problems of bee-venom treatment. His results, especially in chronic cases of rheumatoid arthritis, were encouraging. Dr. Keiter and Prof. Langer continued his researches and confirmed his results, but published monographs on the subject failed to arouse any widespread interest among the medical profession. More recently the researches of Prof. Langer and Prof. Flury into the chemistry of bee venom have awakened greater attention in medical circles. Flury's statistics appear to show that 58 per cent. of all bee-keepers previously afflicted with rheumatism were cured, and 29 per cent. greatly improved, as a result of bee stings. The best results are obtained in muscular rheumatism, lumbago, sciatica, neuralgias and articular rheumatism, the last-named particularly in its chronic

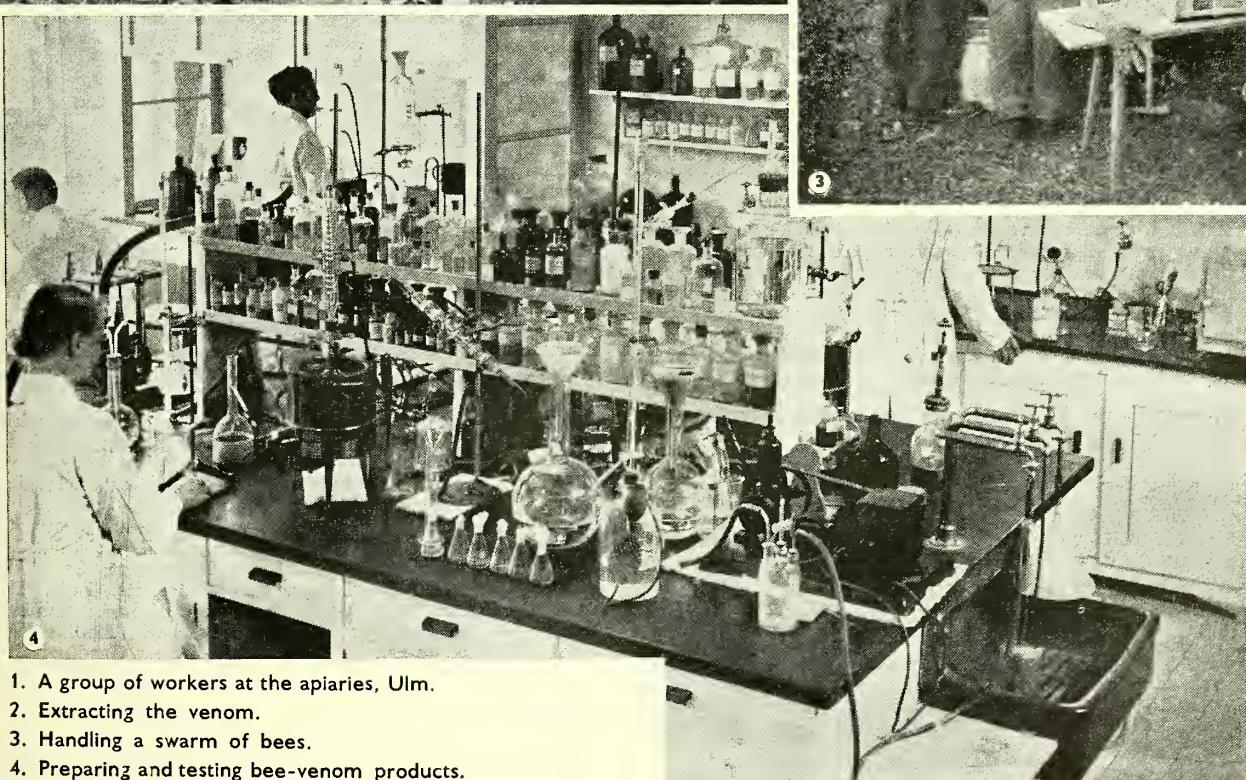
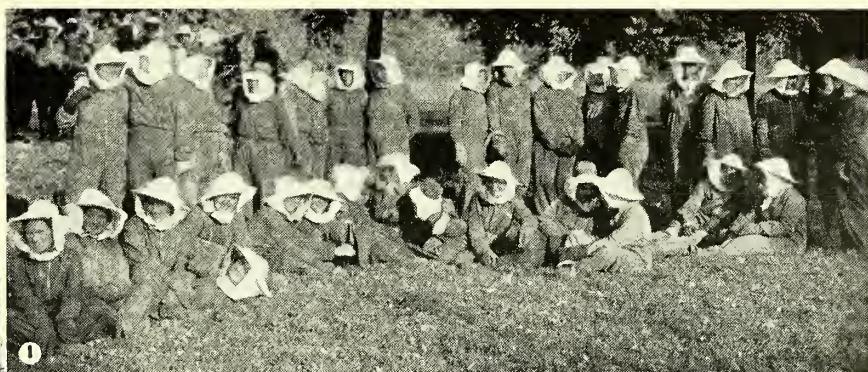
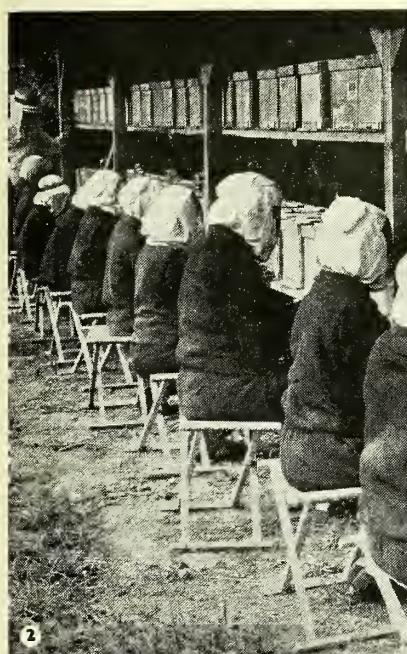
considerably under bee-venom treatment, but was not affected in healthy persons or those suffering from other disorders. So long as bee venom could be administered to patients only by means of stings from the bees themselves the treatment had little chance of general adoption. For one thing, bees are only available in temperate climates during the summer months, and for another, bee-keeping doctors are rare, and practical difficulties would militate against transporting bees from other localities. The active principle of bee venom has, however, been successfully extracted on a commercial scale, and is, in fact, issued in a durable form by one maker under the name Forapin, either as solution for injection or as an ointment. In spite of researches into its chemistry, little is at present understood of the structure of bee venom, and it seems likely that synthesis will be impracticable for some time to come. Preparation of the curative principle, therefore, requires the existence of extensive apiaries. Each bee elaborates on an average 0.3 mgm. of venom, corresponding to 0.1 mgm. of dry substance. In the preparation of the commercial product, the insect is caused to discharge its venom into a specially pre-



Handling the bees.

pared surface impregnated with a substance which absorbs the venom quantitatively without altering it chemically. Solutions are made from this substance after addition of the venom and all extraneous material is removed prior to standardisation. The amount of venom from individual bees varies considerably according to time of year, climatic conditions, character of food, age and degree of irritability. Selection of suitable species has led to a considerable rise in venom production, and the bees are kept and fed in electrically heated hives.

Bee-Venom Industry in Germany



1. A group of workers at the apiaries, Ulm.

2. Extracting the venom.

3. Handling a swarm of bees.

4. Preparing and testing bee-venom products.

The illustrations are shown by courtesy of Coates & Cooper, Ltd., London.

Trade Notes

CONTROL OF MANGE AND SCAB.—Colbit, Ltd., Fairfield, Manchester, advertise in this issue Sulfluid as a means of controlling mange and scab. It is approved as a sheep dip by the Ministry of Agriculture. Generous trade terms are offered.

BENBOW SHOWCARD.—Illustrated on this page is the showcard issued by Benbow's Dog Mixture Co., Ltd., 2 Bartholomew Close, London, E.C.1. Messrs. Benbow, who are now in their 103rd year of business, published an interesting and informative brochure entitled "A 100 Years of Dogdom" on the occasion of their centenary three years ago.



W.1, a specimen of the "Physician's Bulletin," March-April 1938. This bulletin contains articles on Progestin, Protamine zinc insulin and other subjects of topical interest. It is profusely illustrated in colour.

COLOUR IN THE BATHROOM.—Solport Bros., Ltd., 184-192 Goswell Road, London, E.C.1, direct attention to their Rub-a-Dub coloured loofahs, gloves, straps and pads which are stocked by leading wholesalers. A display assortment box is available. Further details are given elsewhere in this issue.

LAVONA BONUS TERMS.—Details of a generous bonus offer relating to Lavona hair tonic were given in last week's advertisement pages. The bonus offer closes on May 21, and a ten-colour showcard has been prepared to assist sales. Further details may be obtained from the proprietors, the International Chemical Co., Ltd., Braydon Road, London, N.16.

CALCIUM GLUCONATE for calcium therapy is British-made at their Bromley-by-Bow works by Kemball Bishop & Co., Ltd., Crown Chemical Works, Three Mill Lane, Bromley-by-Bow, London, E.3. It is available in both powder and granular form. Samples and literature describing the standards and uses of this substance may be obtained on request.

HORTICULTURAL PRODUCTS.—Potter & Clarke, Ltd., 60-64 Artillery Lane, London, E.1, give a comprehensive selection of the horticultural products issued under their Winged Lion brand. These comprise concentrated insecticide, derris paste, lawn sand, nicotine-soap wash, quassia soap, slug killer, worm killer, etc. A separate list and order forms are available for seeds, and the attention of chemists is directed to the general price list for bulk prices of chemicals and other substances.

VETERINARY PRODUCTS.—Illustrated on this page is a selection of the many veterinary products issued by Tomlinson &



Hayward, Ltd., 51 Newland, Lincoln. Full details and a list of the products issued may be obtained on application.

NICOTINE INSECTICIDES are manufactured by J. D. Campbell, 17 Lund Street, Manchester 16, who invites retailers to apply for full particulars.

TOSCA EAU-DE-COLOGNE.—An intensive press campaign directing the attention of users to the Tosca eau-de-Cologne prepared by the makers of 4711, Slough, Bucks, is at present in progress. Details of a Tosca showstand and free use spray to every dealer who sends a reasonable order appear in our advertisement pages.

SOLIDIFIED FUEL.—With further reference to articles essential in taking air-raid precautions, Robert Blackie, Shen Works, Melon Road, Peckham, London, S.E. 15, are advertising Tommy's Cooker as a means of cooking and heating in the anti-gas room. This substance can be stored indefinitely without deterioration. Full details are given in our advertisement pages.

WINDOW DISPLAY CONTEST.—Further to the announcement made recently with regard to the £4,000 "Daily Mail" contest, additional prizes are offered by Evan Williams Co., Ltd., Perivale, Greenford, Middlesex, for the best displays featuring their products. Details are given elsewhere in this issue, and chemists are invited to write for standard parcel of show material.

VETERINARY GUIDE.—The National Canine Defence League, Victoria Station House, London, S.W.1, have sent us a copy of their booklet entitled "The ABC of Canine Ailments." This publication (pp. 40, 1s.) deals with symptoms and treatment of common ailments of a dog, puppy management, humane destruction of dogs and gives a large number of formulas for the treatment of common ailments.

NEW SHAMPOO CREAM PRODUCT.—Illustrated on this page is the tube and container of Eve shampoo cream, which is issued in tubes sufficient for three shampoos. Other products supplied under the brand name include a shampoo powder and a toilet soap. These products are issued by Joseph Watson & Sons, Ltd., Whitehall Road, Leeds. A booklet with the title "Lovely Hair," which is given to purchasers of tubes of shampoo cream, contains illustrations of different methods of hairdressing and how to follow them. In addition, hints are given on how the hair may be kept healthy.

ANZORA DISTRIBUTORS.—British and International Proprietaries, Ltd., Africa House, Kingsway, London, W.C.2, announce that from May 16 they are the sole distributors for Anzora products. Retailers are invited to write for special bonus terms.

OPENING A VETERINARY DEPARTMENT.—In connexion with the article on this subject, which appears on p. 563 of this issue, we have received information regarding the various veterinary products of the following firms:—Allen & Hanburys, Ltd., Bethnal Green, London, E.2; Battles, Ltd., 294 High Street, Lincoln; J. D. Campbell & Co., Lund Street, Cornbrook, Manchester; The Cataline Co., Ltd., Bristol; Colbit, Ltd., Fairfield, Manchester; J. T. Davenport, Ltd., Union Street, London, S.E.1; Day, Son & Hewitt, Ltd., Dorset Street, London, W.1; Gale, Baiss & Co., Ltd., Canterbury Road, London, S.E.15; Thos. Harley, Ltd., Rodine Works, Perth; Harvey & Co. (Dublin), Ltd., Lower Gardiner Street, Dublin; Bob Martin, Ltd., Southport; A. F. Sherley & Co., Ltd., Marshalsea Road, London, S.E.1; Tomlinson & Hayward, Ltd., Newland, Lincoln; Wyleys, Ltd., Coventry. A correspondence course for chemists and their assistants dealing with problems of the dog owner was introduced some time ago by Bob Martin, Ltd. This was issued free in the form of a book, and should provide some useful information to the pharmacist who is opening a veterinary department.



Births

Notices for insertion in this column must be properly authenticated.

BARROW.—On May 6, Vera, the wife of Arthur N. Barrow, M.P.S., Market Street, Torquay, of a daughter.

HUGHES.—At 89 Lower Baggot Street, Dublin, on May 2, the wife of A. Wilson Hughes, M.P.S.I., Blackrock, co. Dublin, of a son.

MCUALEY.—On May 6, the wife of Mr. W. J. McAuley, M.P.S.N.I., Cookstown, co. Tyrone, of a son.

Marriages

BARNES—CUSHING.—At the Parish Church, Market Drayton, recently, Gerald Talbot Barnes, M.P.S., Market Drayton, to Margaret Cushing.

JEFFERSON—JENKINSON.—At Holy Trinity Church, Bingley, recently, Harry F. Jefferson, M.P.S., Bingley, to Jenny Jenkinson.

ST. LEON—CLARKE.—Recently, Reginald St. Leon, M.P.S., Manningtree, to Vera A. Clarke, Mistley.

Silver Wedding

FITZGIBBON—LOISEL.—At St. Joseph's Church, Glasthule, on May 4, 1913, James J. Fitzgibbon, M.P.S.I., to Martha M. L. Loisel. Present address: 12 Newtonsmith, Dun Laoghaire.

Deaths

DANIEL.—At Wood Green and Southgate Hospital, London, N., on May 3, Mr. George Daniel, M.P.S., "Tullow," Leas Road, Budleigh Salterton, aged seventy-nine. After having numerous businesses, Mr. Daniel retired from 272 High Road, Wood Green, N.22, nineteen years ago to his home county, Devon. The funeral took place at the Great Northern London Cemetery, New Southgate, on May 6.

GELSTHORPE.—On May 9, Mr. John Gelsthorpe, M.P.S., Long Eaton, Nottingham, aged eighty-one. Mr. Gelsthorpe, who was a bachelor, was well known to the older generation of pharmacists in the district and was a charming personality. He was a member of the Fairfield Lodge of Freemasons.

GOULD.—In London, on May 8, Miss Vera Mary Gould, M.P.S., aged twenty-six. Miss Gould served her apprenticeship with Mr. F. T. Roper, M.P.S., Kington, Herefordshire, and qualified in 1937.

LESCHER.—A Requiem Mass for Mr. T. Edward Lescher was celebrated in the Roman Catholic Pro-Cathedral, Liverpool, on May 5. The large congregation included many representatives from organisations in which Mr. Lescher was interested, and among those connected with the drug trade were the following:

Alderman Edwin Thompson, Colonel S. Watson (Manchester), Messrs. S. H. Forrest (President, Pharmaceutical Society of Northern Ireland), L. Moreton Parry (member of the Pharmaceutical Society's Council), A. J. Jones, R. R. Bennett, H. Humphreys Jones, Ernest Snowdon (representing Lord Leverhulme), Martin S. Hughes, Frank Howarth, John Rae, H. A. Mitchell, Edgar Wood, W. Whitby, R. Stephen Jones, J. L. Hirst, John Gilmour, F. Scrivener, H. Wilds, K. Stafford, T. B. Chadwick, G. C. Flynn, Norman A. Wood, T. A. Critchley and O. D. Black.

LEICESTER.—On April 27, Mr. Charles Leicester, M.P.S., 15 York Avenue, Coppice, Oldham, aged fifty-eight.

MORRISON.—At Exmouth, on April 24, Miss Margaret Morrison, secretary of H. Bronnley & Co., Ltd., soap and perfumery manufacturers, Acton Vale, London, W.3. Miss Morrison joined the company in 1904 and was secretary for about thirty years.

PLANT.—At his residence, "Rosslyn," Belle Vue Road, Ashbourne, Derby, on April 24, Mr. Thomas Plant, retired chemist and druggist, aged sixty-five. He was partner with the late Mr. Reckless in the old-established chemist's business in Church Street, Ashbourne, eventually succeeding to the

business. For many years he had been a member of the Ashbourne Urban District Council, and retired only a week prior to his death from the chairmanship.

PRICE.—On May 8, Mr. Walter William Price, M.P.S., Kidderminster, aged seventy-one. Mr. Price had been in business at Comberton Hill, Kidderminster, for thirty-eight years. Mr. Price was one of the original members of Kidderminster Golf Club, and for many years had been a member of Kidderminster Club and Institute. He was a member of Worcestershire Naturalists' Society.

SANDERS.—On May 1, Mr. Ernest Sanders, M.P.S., 37 Higher Cambridge Street, Chorlton-on-Medlock, Manchester, aged seventy-seven.

Personalities

MR. ROBERT J. BRAND. M.P.S., Thame, has been elected chairman of the local urban district council.

ALDERMAN E. A. ONYON. M.P.S., Mayor of Eye, Suffolk, has been elected president of the local nursing association.

MR. H. COLLISON. only son of Mr. W. Collison, managing director of William Blythe & Co., Ltd., chemical manufacturers, Church, Accrington, has been appointed a director of the company.

MR. D. W. E. BARKER. whose portrait appeared in the C. & D., May 7, p. 523, is the proprietor of E. M. & M. T. Chater, High Street, Watford, and has two branches at Croxley Green.

MR. G. V. TYLER. M.P.S., Swinton, who is chairman of the Manchester and District Branch of the National Pharmaceutical Union and vice-president of the Manchester Pharmaceutical Association, has been appointed chairman of the Swinton Photographic Dealers' Association.

MR. C. S. CHALLINOR. M.P.S., Castleford, Yorks, has recently suffered a bereavement in the death of Mrs. Sybil R. Challinor, The Peak, Hongkong, who, on May 5, was stabbed by her Chinese houseboy. In an attempt at rescue, her husband, Mr. R. H. Challinor, an elder brother of Mr. C. S. Challinor, was severely wounded. Mr. R. H. Challinor is manager for Imperial Chemical Industries (China), Ltd., Hongkong. He is reported to be making satisfactory progress towards recovery.

Recent Wills

MR. ERNEST HUTTON STEPHENS. M.P.S., 42 Percy Terrace, Sunderland, who died on November 30, 1937, left estate of the gross value of £6,202, with net personality £5,059.

MR. ARTHUR DONINGTON HEARNSHAW. 40 West Street, Leicester, chemist and druggist, who died on January 6, left estate of the gross value of £6,872, with net personality £6,791.

MISS ALICE MATILDA COLES. M.P.S., The Old Hove Park Pharmacy, 69 Old Shoreham Road, Hove, Sussex, who died on February 19, aged forty-eight, left estate gross value £2,950, with net personality £1,348.

MR. WILLIAM TATE WILLSON. Dogsthorpe, Peterborough, proprietor of the firm of Stephen Willson, veterinary chemists, who died on December 12, 1937, left estate of the gross value of £3,965, with net personality nil.

MR. JOHN RUTTER. 49 Link Lane, Wallington, Surrey, formerly of 226 Venner Road, Sydenham, S.E., retired chemist and druggist, who died on February 3, left estate of the gross value of £2,451, with net personality £1,549.

PROVOST WILLIAM STEWART TAYLOR. M.P.S., Ardenlea, High Street, and 15 Market Place, Inverurie, chemist, a member of the County Council, who died intestate on November 15, 1937, left personal estate in Great Britain valued at £9,558.

MR. ARTHUR HENRY BURGESS. 37 Stanford New Road, Altringham, Cheshire, chemist and druggist, who died intestate on June 22, 1937, aged seventy-five, left estate "so far as can at present be ascertained," gross value £4,638, with net personality £4,112.

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**THE
CHEMIST AND DRUGGIST**

VOL. CXXVIII

May 14, 1938

NO. 3040

CONTENTS

	PAGE
Bee-venom Therapy	556
Births	559
British Chemical Merchants' Meeting	570
Business Changes	545
Citric Acid Industry	569
Common Diseases of Grey-hounds	566
Company News	551
Correspondence:—	
Letters	575
Miscellaneous Inquiries	576
Council Candidates	552
Deaths	559
Editorial Articles:—	
Next Week's Council Election	561
Growth of Pharmaceutical Organisation	561
Display of Prices	562
Glasgow Exhibitions	562
Friends for 45 Years	562
Gazette	551
Information Department	560
Insect Bites and Stings	555
Insurance Act Dispensing	554
Irish Industries Fair	547
Irish Notes	548
Lanark Centenary	568
Legal Reports	550
Marriages	559
News of the Week	545
Opening a Veterinary Department	563
Personalities	559
Recent Wills	559
Retrospect	576
Scottish Notes	548
Skin Eruptions from Drugs	555
Topical Reflections	549
Trade Marks	553
Trade Notes	558
Trade Report	571
Unsound Food or Drug Liability	554
Veterinary Display Opportunities	564
Veterinary Notes	567
Welsh Notes	546

Next Week's Council Election

THE voting for members of Council of the Pharmaceutical Society of Great Britain will take place on May 18. It has become customary for the retiring candidates to issue a combined declaration of policy, while the rest must of necessity act independently until they are elected, when they may, of course, have an opportunity of joining with the others. The only newcomer among the candidates is Mr. Herbert Hodgson, Messrs. Barrs, Clarke, Laws and Wilson having made previous attempts. There are, on this occasion, practically no new proposals put forward either by the retiring candidates or newcomers for the benefit of pharmacy. The idea that a retail candidate is more suitable than one who operates in another sphere seems to be less pressed on this occasion than it has been recently. The fact must be realised that the control of pharmacy has now got beyond the stage where chemists whose only qualifications for office are a sound knowledge of retail affairs, are to be preferred. The slogan "Pharmacy for the pharmacist" may sound inspiring, but it would be advantageous to have some concrete definition of what exactly is meant when this statement is made. In the declaration of policy issued by the seven retiring members, a large paragraph relates to the "menace of the unqualified." It is common knowledge that this is no new menace, but apparently it has been allowed to grow to such an extent that the number of proprietary medicine licensees is ten times that of chemists who hold similar licences. It would be of value to the chemist affected by this state of affairs to know how it is proposed to undo this injustice to pharmacy, and we hope the report of the Committee of Inquiry will be made public at as early a date as possible. Reservation of dispensing will undoubtedly come when national health insurance on the greatest possible scale is achieved. It is obvious that the British Medical Association would never agree to the surrender of a valuable section of the physicians' business in present circumstances.

With regard to the newer candidates, Mr. Hodgson favours a joint council composed of members of every organisation within the craft to form a united front. Mr. Wilson, who has almost succeeded on two occasions, has a strong following in the Midlands. He missed co-option presumably on the grounds of youth, yet pharmacy has seen that youth has been no handicap in achieving success in other directions. With regard to Messrs. Barrs and Laws, who are unshaken in numerous defeats, the hope may be expressed that if on this occasion their claims for election are again unsuccessful, they may decide to withdraw and so give an opportunity to others. Messrs. Rowsell, Melhuish and Parry are the oldest retiring members of the Council, and it is difficult to see how chemists who have supported these gentlemen for so many years could now withdraw their support. In view of the present state of affairs in pharmacy and the sameness of the candidate's proposals, this election is likely to rank among the dullest for some years.

Growth of Pharmaceutical Organisation

In the report of the Council Meeting of the Pharmaceutical Society of Great Britain (*C. & D.*, May 7, p. 534), an item of rather more than usual interest appeared under "Correspondence." It was to the effect that the secretary of the Wembley & District Society of Pharmaceutical Employees had requested the Council to take steps towards the formation of a national organisation of pharmaceutical employees. The secretary is to interview representatives of the Wembley Society of Employees, and no doubt the results will be made public in due course. This directs attention to, or arouses apprehension at, the growing list of organisations which have been and are still being brought into existence for various sections of pharmacy. There are (1) the branches of the Pharmaceutical Society; (2) local associations; (3) federations of branches; (4) National Pharmaceutical Union branches and (5) the Scottish Pharmaceutical Federation. If an employees' organisation is now to be formed for non-proprietor members of the Society, is it to be taken for granted that one will operate for Scottish members and one for English members? In all, seven different types of organisation to handle the affairs of 24,000 qualified chemists and a probably similar number of unqualified individuals! It may at once be said that if the Pharmaceutical Society cannot operate in business matters relating to proprietor chemists, neither can it operate in any way to form a union for employees as a section of the Pharmaceutical Society's interests. The pharmacist has been allowed either to stand as an individual seller of his services or be dragged at the tail of one of the great industrial groups of trade unions with which he is in force largely out of tune. The difference between the organisation of pharmaceutical workers as such and those operating in other and greater industries is that employers, at present rates of remuneration and in the present state of pharmacy, are helpless to improve conditions for employees, for they are just as much employees as are their assistants, since they come under the control more or less of a Government department in National Health Insurance dispensing.

Leaving that question aside for the moment, pharmaceutical assistants must in their own interests form in the near future an organisation which will in effect be a union. The reason is that the old order has changed in as much as less than 50 per cent. of persons on the register can become or even hope to become proprietors of their own businesses. The pharmaceutical authorities are unwearingly in pointing

to the enormous membership of the Society which stands round about 24,000. Considerably less than 12,000, however, are owners of pharmacies, and it is obvious that the greater bulk of qualified chemists are left to fend for themselves. It is not suggested that the chain stores are ungenerous in dealing with their employees, yet a qualified chemist would be more secure as a member of a body which could talk on equal terms with huge employers of labour and with as great, if not greater effect in the drug trade than elsewhere, since no body corporate can carry on the business of a chemist without the aid of a qualified person. The National Pharmaceutical Union presumably cannot organise pharmaceutical employees. Organisation must, therefore, come from the assistants themselves, and they are sufficiently numerous and important to create a body which can deal with pharmaceutical matters, leaving political questions to unions which are more directly concerned with them.

In view of the interest evinced by Scottish chemists in the Chemists' Friends scheme, it seems unfortunate that it requires two large bodies—the Scottish Pharmaceutical Federation and the National Pharmaceutical Union—to deal with the one project, and while there may be overwhelming difficulties in an amalgamation between the two bodies, yet there is much to be said for a central control of business relationships on behalf of the trade. Tradition dies hard, and while the Scottish Pharmaceutical Federation follows on the assumption that the interests of the Scottish chemists can best be dealt with in the north in negotiating with Government bodies and others, the slogan that unity is strength must inevitably hold good, and if any merger is impossible, then the two bodies should work with the greatest unanimity. The question of over-organisation might well be one of the subjects for discussion at the British Pharmaceutical Conference.

Display of Prices

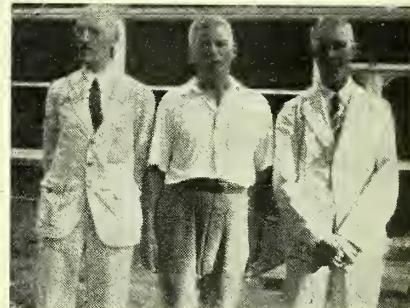
AN interesting development in retail price display in Ireland appears in the form of an Order making it obligatory to display a price list in respect of several commodities. This Order is the result of recommendations contained in a report of the Prices Commission, and has been made by the Minister for Industry and Commerce. It comes into force on May 30. At the present time the only commodities concerned are in the nature of staple foods, the Commission feeling that the consumers of commodities had the right to know the prices charged by different retailers before entering premises to make a purchase. The commodities affected are specified, and the areas affected are towns, villages, etc., having a population of 1,500 or more inhabitants. Although this Order relates to Ireland it opens an interesting point which has engaged the attention of sellers as well as buyers in this country for a very long time. In the pharmacy itself, the marking of prices was held to be unprofessional, and it was only when the chain stores started vigorously to price every article they sold that the chemist had to come into line in the majority of cases. It is usual in other trades to price, say, articles of clothing which are sold at a reasonable cost, and incidentally to introduce higher-priced articles which obviously are of better quality. This procedure is bound to leave a certain doubt in the mind of the prospective purchaser, but the practice is so universally followed that it must have some result which warrants a continuance. Not so long ago a chain store company made a feature of aspirin tablets issued by various makers showing the differences in prices compared with their own. Whether this experiment was successful we do not know, but so far as we can gather there has been no expansion of the idea to other products. The reason may be that drugs must inevitably remain distinct from articles of food so far as their cost is concerned. There are few people who are guided in the purchase of medicaments solely by price. Any further extension of the Order will be watched with much interest.

Glasgow Exhibitions

OUR "Retrospect of 50 Years Ago," which appears on p. 576, is of particular interest this week in view of the opening of the Empire Exhibition at Glasgow, a mention of which and an illustration from the air appeared in last week's issue. The present exhibition, which is the greatest exhibition of its kind held anywhere in the world since Wembley in 1924-25, covers 175 acres. The exhibition referred to in our retrospect is described as the largest that has been held in the United Kingdom since the London International Exhibition of 1862. The ground then occupied by the principal building and its auxiliaries was almost ten acres. The present exhibition must of necessity be contrasted with Wembley. So far as the chemical and allied trades are concerned, however, it falls short to a surprising degree. The Glasgow Palace of Industry contains none of the impressive displays of the Wembley Palace of Industry described in *THE CHEMIST AND DRUGGIST*, June 28, 1924, and onwards. Obviously Scotland is not a producing country of fine chemicals with certain noteworthy exceptions. Its great industries are shipbuilding, engineering, iron and steel-work and branches which appertain to these. As an exhibition, however, which is intended primarily to represent Scottish industrial, commercial and cultural interests, it is hardly likely to fail in achieving a notable success. The exhibition remains open until October, and no doubt many visitors to the Edinburgh Conference in September will take the opportunity of visiting what is undoubtedly an outstanding event in Scottish history when they can so easily include such an outing in their itinerary.

Friends for 45 Years

THE following letter and its accompanying photograph have been received by the Editor from Mr. G. S. Wilkins, Box 370, Bulawayo, Southern Rhodesia:—“Forty-five years ago three small boys were apprenticed in a Staffordshire town; two came from the same town, the third from a farm in the county. They suffered together the hardships of those days: pulling down the cold shutters in the winter at 10 p.m.; cleaning out the equally cold leech jar after picking out each specimen by hand; or grinding cort. cascarae in a plate mill, dismantling every hour or so to overcome the clogged plates. All three survived, however, and each in turn made his way to London and in good time passed the Minor. Two went on to the Major, one of them passing on by way of scholarships to an academic career. The Minor man went abroad. In time, one of the Majors followed him to his place of business some hundred of miles from the coast of Africa, and the two returned to Britain via Zanzibar, Italy and the Riviera. The Minor returned to his family, the Major continuing to Canada. The Great War brought one hurried reunion at Bristol, after which one Major man returned to Canada and the other remained in England. The depression came, and the first Major joined the Minor abroad. The other, after an interval, also went abroad, but even farther from home (to Australia). The most recent episode is illustrated—scene, the Victoria Falls in S. Rhodesia early this year: the three meet, grey headed but still active. The span of forty-five years from Newcastle days to the Victoria Falls is recounted to the rhythm of 'Do you remember?' 'What was the name of that quaint customer?' 'What became of Arthur?' The visiting Major (Mr. H. Finnemore) passes on to England on a visit. The other Major (Mr. W. W. Hole) and the Minor (Mr. G. S. Wilkins) remain in Africa, but the cord of friendship remains unbroken.”



Left to right: MR. W. W. HOLE, MR. H. FINNEMORE and MR. G. S. WILKINS

Opening a Veterinary Department

THE need for developing new and profitable business which is in keeping with the dignity of his calling is a problem which frequently confronts the pharmacist. In these days of keen competition and overlapping in the retail distribution of goods, the chemist has difficulty in selecting a sideline which is not already amply catered for by other traders. There is one, however, which has as yet received comparatively little serious exploitation by retailers. This is the distribution of veterinary products. While it is true that most chemists handle a few such preparations, and that there are others in agricultural areas who have been dealing in many of them for some years, pharmacists in general do not seem to have attached much importance to the development of a special veterinary department with the object of creating a new type of customer. The question, however, is one which is worthy of earnest consideration by those who seek to extend their business activities and increase their present turnover. It will be important for anyone who contemplates such a venture to consider carefully the possibilities for the sales of veterinary products in his district. He will need to decide whether he should concentrate on creating the demand for preparations for domestic animals or those for farm animals among veterinary surgeons and farmers. Some businesses will no doubt offer a scope for a generalised trade made up of both these kinds of products, but in the majority it will be found that there is a greater demand for either one class or the other. Medicines and other preparations for treating the ailments of cats and dogs should constitute a large proportion of the stock of veterinary products in most pharmacies, as the public have been made particularly conscious of these during recent years by the extensive advertising of firms who specialise in their manufacture. The pharmacist will have to consider also how much money he is prepared to allot to the equipment of the new department, and on this will depend the length of his preliminary stock list. Such a list could be compiled without much difficulty from the following:—

STOCK LIST

Dogs.—Condition powders, shampoos (dry and liquid), capsules and tablets, milk foods for puppies, canker powder and lotion.

Cats.—Mange lotions and ointments.

Horses.—Draughts (anodyne, cough and tonic), horse balls.

Cattle.—Warble fly powder, drenches, draughts, cattle licks, iodised salts.

Pigs.—Condition and fattening powders.

Sheep.—Carbon tetrachloride capsules, male fern extract, sheep dips, foot-rot applications.

Poultry.—Cholera powders, poultry spices, remedies for gapes.

General.—Cod-liver oil, castor oil, chemical food, malt and oil, poultices, blisters, ringworm cure, disinfectants, embrocations, dusting powder, fly and maggot oils, miscellaneous pills, vermin destroying preparations.

As regards the more recently introduced biological veterinary products such as serums and vaccines, the chemist would be wise to defer their inclusion in his stock until he has found out what demand there is for them in his particular locality. It should here be noted, however, that there are certain manufacturers who only supply the latter type of product direct to veterinary surgeons.

Selection of Good:

The chemist who wishes to build up a progressive veterinary business will find it essential to stock only brands of products which will inspire the confidence of customers and ensure repeated orders. Not only must the products be effective in their results, but care must also be taken in selecting preparations which are attractively packed, provide adequate directions for use and yield a reasonable trading profit. In many localities the pharmacist would feel that the sale of animal foodstuffs would not be justified in his type of business, but in other neighbourhoods, such as country towns and agricultural districts, the stocking of these foods would provide an excellent opportunity of developing the sales of animal medicines. In such instances, however, it should be borne in mind that most animal foods which are sold in bulk not infrequently possess

an unpleasant smell and might, if kept close to other goods in the pharmacy, contaminate the latter. For this and other reasons, the advantage of keeping the veterinary department in a separate part of the pharmacy—preferably in a separate room—will be appreciated. The success of the new department will depend upon several factors, one of the most important being effective display of the goods. It will be for the individual concerned to decide which particular kind of display is the most fitting for his own shop, but at the outset a prominent show should be made in the largest window available. Much assistance in this matter can be obtained from some of the leading manufacturers of veterinary preparations, who are realising more and more the potentialities of the veterinary business for the chemist, and who are able to supply attractive display cases, show cards, and other advertising material to promote the sales of their products. While most pharmacists are somewhat conservative regarding the style of their window displays, there are those who prefer to break away from the traditional types of display with the object of introducing a novelty having a greater publicity value. Where such is desired, perhaps no greater attraction could be devised than that provided by a pen or basket of young puppies occupying the central position in the window surrounded by a display of puppy foods and dog medicines. A prominent place in any display should be given to the handbooks and catalogues describing common ailments of domestic animals which are issued by several manufacturers. An endeavour should be made to place in the hands of each customer for veterinary preparations a copy of such a booklet or other literature describing the general medicines available for the more common ailments of domestic animals. In addition to the information gathered from these various pieces of literature, veterinary customers will periodically be in need of advice on many matters relating to animal diseases and ailments, for which they will turn to the chemist. With his numerous other responsibilities, the chemist will find a mastery of even simple veterinary problems an extremely arduous task unless he is prepared to make a systematic study of the subject. Much help can be obtained from a publication entitled "Veterinary Counter Practice," issued by THE CHEMIST AND DRUGGIST. This book has been specially compiled for the pharmacist, and it presents information on most veterinary matters which will confront him in the ordinary course of his business. The book contains notes on the general medical and surgical treatment of animals and on veterinary medicines which are suitable for the pharmacist to stock, together with chapters on diseases of animals, hints on nursing, posological tables and infection and immunity. Many chemists will have the opportunity, when once the veterinary department is established, of preparing their own proprietary remedies—a practice which is found very profitable and which will appeal to pharmacists who wish to create a demand for their own products in preference to packed goods. In such instances, the numerous miscellaneous veterinary formulas found in this publication will provide a basis upon which to work. There is no reason why a chemist should not also equip himself with the necessary knowledge to deal with the occasions on which he will be required to render first aid to domestic animals.

Potential Veterinary Customers

Careful observation and inquiry by the chemist who opens a veterinary department will reveal valuable information regarding the customers normally entering the pharmacy who possess domestic pets, all of whom may be regarded as potential buyers of veterinary products. Having found such information, the chemist would not find it difficult to bring the facilities he possesses for stocking veterinary preparations to the notice of customers, either in conversation or by enclosing leaflets and booklets along with parcels of pharmaceutical goods. The more enterprising pharmacist who finds it possible to arrange some sort of a novelty display in his shop could stimulate a considerable amount of interest by sending out a circular letter to his regular customers, pointing out his position to supply veterinary medicines and inviting them to inspect the show. Pharmacists who wish to adopt a title having a bearing on the new department will find from the publication mentioned above that he may use the words "Veterinary Chemist" in this connexion.

Veterinary Display Opportunities

THE display of veterinary goods offers an excellent opportunity for a specialised show on modern lines. While the goods may be broadly divided into remedies for domestic pets and those for larger farm and haulage animals, both may be included under one heading in accordance with the principle "One display, one theme." For down-town or suburban chemists who sell few stock-breeding supplies, similar displays, with minor modifications, can be made equally suitable for domestic animals exclusively. The main object to keep in mind is the need for building the display around a message that will attract the attention of the passer-by. Branded and packed goods cannot do this alone, neither can a multiplicity of showcards and price tickets. Once the attention is attracted, the display of the goods and attendant showcards can prove their usefulness.

in an outstanding colour such as red. It is suggested that a standard alphabet should be adopted for these "message" lines and cut from card or ply. Carefully handled they will be useful for many subsequent displays, thus eliminating the cost of repeat work.

Fig. 2 demands cutting-out a head, but this should be kept as simple as possible. In all reproductions of this nature detail can be omitted, and should be, as far as possible, because it tends to divert attention from the goods to the display itself. It will be seen that, apart from the head, the feature consists only of three ply-wood panels suitably coloured and lettered. Here again, the stock lettering can be tacked in place or the wording can be lettered direct on

FIG. 1

to the cut-out according to the display man's skill.

Complete Displays

The remaining sketches are for complete layouts. It will be noticed that no allowance is made for permanent window fixtures as the displays are intended to be built up from the floor by means of stands and glass shelves or, as shown in some of the illustrations, by blocks. Suitable blocks can be made from empty cartons and covered in cheap draping or bunting. The following notes may help in installing the various displays. In fig. 3 the back of the window is first covered with a neutral-coloured paper or cloth and the dog is then applied in paper or cut from cardboard. The scroll

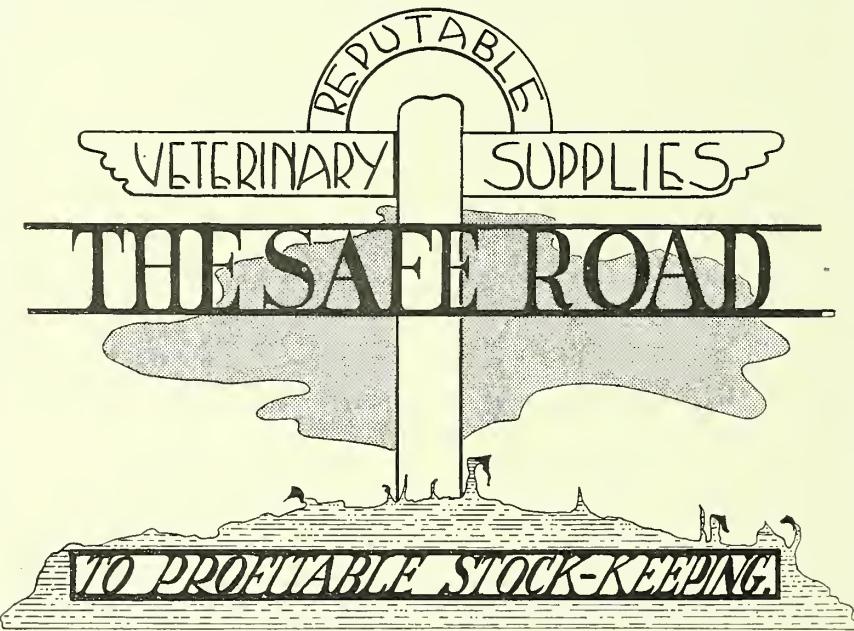


FIG. 1

ness, but it is the main attraction-piece that is all-important. In this and the following page a number of suitable settings of a practical kind are illustrated and described.

Cut outs

Among the suggestions illustrated, figs. 1 and 2 are cut-out features that embody this principle of attracting attention. Cut from three-ply 4 mm. thick, they need not prove expensive or difficult to make, and for the average small window the most suitable size is probably about 24 in. high by 36 in. long. They can be made from separate pieces, painted, and assembled when the various parts are dry. Fig. 1 employs a familiar symbol of direction—the sign post—backed by a white or pale blue "cloud," with base in green having a written card tacked to it. "The safe road"—the main lettering—should be

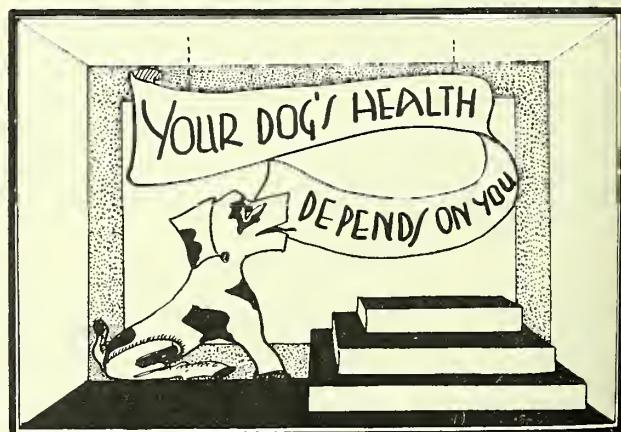


FIG. 3

(red lettering on white) is next pinned into place. The blocks indicate the shape the goods are to take, the lowest on the left, rising to the highest about three-quarters the way across and down again to the floor—the "weight" of goods on one side

balancing the "weight" of background on the other. In fig. 4, a panel on the right in green, with white lettering, is crossed half-way down by one in white, with green lettering, while the main wording, in red, occupies the top of the window.

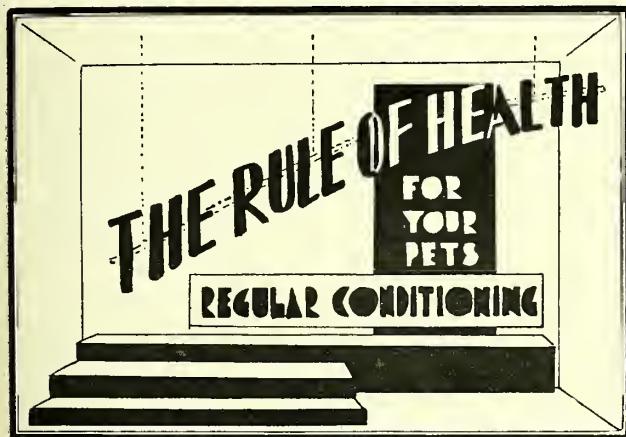


FIG. 4

It is important that the goods should not rise above the lowest lettering panel and the background should be free from showcards. Grey, buff or other neutral shade is most satisfactory.

The traffic lights in fig. 5 are shown applied to the window back, but if back-of-window dressing is desired they can be made in model form, erected in front of the goods and the lettering suspended still further forward. In this sketch the goods are to be shown on the sloping platform, whilst the panel at the left carries on the main message offering advice, booklets, etc., etc. The whole display can be in pale blue, with lettering in red and traffic-light feature in the usual colours.

Fig. 6 shows an arrangement suitable for any type of dressing and one that can be quickly constructed from two discs with applied paper heads joined by two panel strips and appropriate lettering. Suspended from the ceiling, it can have the goods behind and below it, although following the lines of the sketch and dividing the display into three sections, the centre for "home" preparations and either side for farm and other stock needs, will probably commend itself. In this event, the individual displays will be built up with pedestals, glass ovals, etc.

Fig. 7 requires a little more work than the foregoing, but is effective for a general display. The interrogation mark is

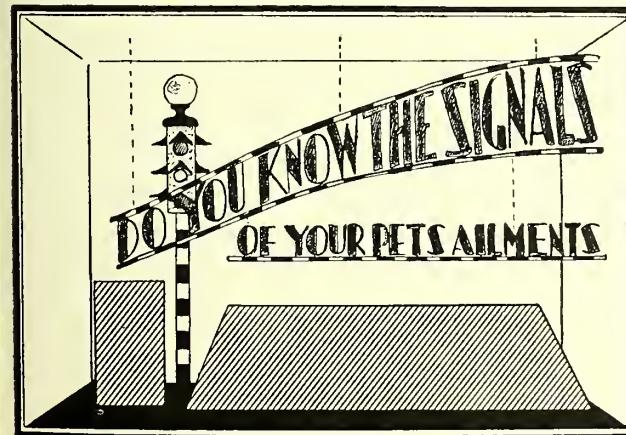


FIG. 5

first cut out from ply-wood and painted red. Lettering strips in white (two straight and one waved) are then secured across it, the lettering in green being applied or painted on next. Finally, the whole arrangement is suspended as in previous

displays. Cards bearing the names of various groups of preparations form either a frieze at the back of the display or a pelmet at the front, with tapes leading to the appropriate groups of goods.

While it is true that displays of the character suggested take more time, more thought and, no doubt, more expense, than the usual built-up display, they have the overwhelming advantage that they attract more attention and therefore, if the goods are right, sell more stock.

Nothing has been mentioned, except in general terms, of the goods to be included in veterinary displays at this season.

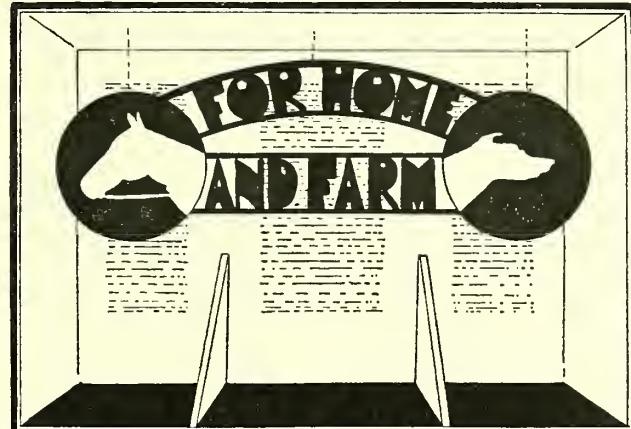


FIG. 6

For windows offering canine and feline remedies and foods, the problem is fairly simple, because the market is catered for by comparatively few manufacturers, most of whom offer quite a comprehensive range. The "stock list" given in the article on "Opening a Veterinary Department" (p. 563) will form a satisfactory basis, but it will almost certainly be found in many residential districts that a number of dog foods can also



FIG. 7

be stocked without undue risk. These include dried milks, biscuits and (most important) vitamin-containing preparations. Chemists taking up the supply of canine preparations for the first time will not be long in discovering that many dog-owners are "vitamin-conscious." The comparatively few accounts necessary in the running of a department for selling dog and cat remedies is in somewhat pronounced contrast to the large number of branded specialities available for specific ailments of cattle, horses, pigs and sheep, though here again there are certain makers who offer ranges of remedies sufficient for normal requirements. The choice is a little less bewildering than it seems, for local preferences and prejudices often determine what should and what should not be stocked, and farmers and stockbreeders, if difficult customers to secure, are invariably constant once their goodwill has been obtained. Chemists who market their own veterinary proprietaries may find it wiser not to display them to the exclusion of proprietary brands.

Common Diseases of Greyhounds

THE subject of canine ailments is one with which many pharmacists are concerning themselves to-day, and the increasing popularity of the greyhound in the world of sport makes it desirable that he should familiarise himself with some of the more common conditions which affect this type of dog. An informative article on this subject has recently been written by S. F. J. Hodgman ("Veterinary Record," March 12, p. 315), in which he puts forward an account of his own clinical experience with greyhounds. The more interesting of his comments, which will provide the pharmacist with a general survey of the subject, are here briefly summarised.

Distemper

In spite of the progress which has been made in the knowledge concerning this disease, it still remains one of the most problematical conditions in the whole of the canine world. It is a specific contagious disease which usually affects young dogs, fever being a characteristic symptom, which is followed later by complicating factors such as pulmonary, intestinal and nervous. The incubation period is about three to four days, but it may not be until three weeks that complications set in and are recognised. Despite the fact that the seriousness of the disease in large kennels is not what it was some years ago, distemper is still very troublesome, and it is believed that the ever-changing population of greyhound kennels is largely responsible for this, particularly as many of the animals arrive direct from sales yards, which are regarded as a principal source of infection. Many trainers and owners of greyhounds are still reluctant to consider having their dogs inoculated against the disease on the grounds that it interferes with their condition and speed. The treatment which the author has adopted is an immediate injection of serum given subcutaneously. This he advocates if a young dog on examination shows anorexia and a temperature, and a minimum of 30 to 40 c.c. should be given. He considers serum of no value once complications have started, the chief method of treatment then being good nursing, suitable diet and hygiene. It is important that dogs be isolated for at least ten to fourteen days before admitting them to the kennels, and they should be kept under observation with their temperatures taken night and morning during the whole period. It has been the author's experience that a bronchisepticus serum has given good results, once pulmonary complications have arisen. This serum is one obtained from horses immunised against different strains of *B. bronchisepticus*, *streptococci* and *B. coli* (canine). Prophylactic technique, using serum and virus, against distemper is also outlined in the article, and it is interesting to note that greyhounds are very satisfactory subjects for inoculation and that in general successful results have followed such treatment.

Tonsillitis

This insidious disease is one which, if not immediately checked, spreads with alarming rapidity throughout the whole kennels, and following attacks of it greyhounds are often very seriously affected. It can be kept in control if taken in hand in the early stages, and, as in distemper, the animal's recovery depends to a great extent on careful nursing. Infrared ray treatment and application of poultices have been found valuable in the condition. Similarly, swabbing with an oral antiseptic and occasional cauterisation or iodine swabbing has been found very useful.

Leptospiral Jaundice

The infection of this condition is largely conveyed by rats, and the main danger of it is due to the fact that it is seldom detected in the early stages, and sometimes it is not diagnosed until the animal has turned distinctly yellow. In such circumstances a 10 c.c. dose of serum subcutaneously is advocated, with 10 c.c. interperitoneally, and doses of magnesium carbonate can be given twice daily. It is considered a good prognosis if the dog continues to feed during this stage, but it is to be noted that recovery seldom takes place if food is not taken voluntarily. One of the chief precautions to be taken when the disease has been contracted is in connexion with the urine of the infected animal. Serum is considered to be an efficient prophylactic to animals in infected kennels.

Hysteria

This is a condition which brings grave concern to race track officials, as it can bring about complete disaster at a race meeting. The main trouble is that when one animal develops an attack of hysteria on the track, or in the track kennels, many of the other animals may become affected. Many explanations have been put forward as to the cause of hysteria in dogs. These include dietary deficiency, toxæmia, environment, discipline or lack of the latter. Some animals, however, show an improvement with a change of diet, while at other times an epidemic of the disease has been known to occur when the diet has recently been changed, and upon resuming the original diet the epidemic has died out again. Cases have been known where a dog has been taken with an attack of hysteria in the presence of other animals who, instead of imitating the affected animal immediately, have started only on returning to their own kennels. It is considered advisable to isolate the dog during the outbreak in dimly-lit kennels and as far away from other animals as possible. Morphine or barbiturates have been given in serious cases, and in less severe ones bromides are usually preferred. If there be no apparent cause, light diet for a few days is suggested, discontinuation of the bromide and a gradual return to normal feeding depending on the absence of any further attacks. It is interesting to note that when morphine has been necessary, doses as large as two to three grains have been given. A suggested method of bringing a dog to his senses during an attack is to splash a little water into his ear.

Contagious Gastric Catarrh

Sometimes called gastric fever, this is a disease which makes its appearance suddenly and which spreads rapidly. The symptoms are frequent vomiting, disinclination for food, a bluish colouration of the mucous membrane and a temperature rising to 102°-103°. There is little decline in the general condition, and attacks do not usually persist more than two days, the symptoms clearing up as quickly as they appeared. A light diet is recommended, and a mixture of bismuth subnitrate or carbonate in chloroform water is also useful. Warmth and general hygiene is the only other treatment which is necessary.

An ailment which is similar to the last, but usually more serious, as it takes longer for the dog to recover, is contagious intestinal catarrh. The symptoms include a refusal of food and a profuse diarrhoea. The loss of condition is very noticeable in the region of the back, and this usually persists after other symptoms have discontinued. Seven days is the approximate length of time taken by most dogs to recover their normal condition. Doses of from one to two drachms of witch hazel extract are given in water three times a day, sometimes with other intestinal disinfectants.

Nephritis

Racing greyhounds suffer from this disease in many of its forms, including haematuria and uræmia. It is noted that the dog suffers frequently from retention of urine, which condition is considered to be of nervous origin. It is observed that sometimes the animals do not micturate as freely as they should, although an attempt is made to do so. Where a urinary calculus is responsible, a course of diuretic treatment for a few days is often successful. The suggestion is put forward that the manner in which some trainers feed the greyhounds, and their practice of limiting the supply of drinking water or even cutting it off entirely, may play an important part in the frequency of urinary trouble among the animals. After keeping the dogs on a dry feed for a day, it is found that they freely take water and in many instances the general condition is improved. The author affirms that he has never met this apparent difficulty in micturation in greyhounds where they have been allowed a liberal amount of drinking water.

COAL-TAR SAMPLING STANDARD.—The British Standards Institution has just published a revision of the Specification for the sampling of coal tar and its products (No. 616). Copies may be obtained from the Publications Department of the Institution, 28 Victoria Street, London, S.W.1, price 2s. 2d., post free.

Veterinary Notes

Canine Distemper Treatment

DISAGREEMENT with the American findings in the treatment of canine distemper by sodium sulphamyl sulphonilate is reported by English workers ("British Medical Journal," April 16, p. 875). Docchez and Slantez observed successful results in America when dogs suffering from the disease were treated by this compound, while MacIntyre and Montgomerie, working in the Wellcome Research Laboratories, failed to achieve parallel results after completing a number of experiments. They state that the drug has not influenced the course of infection with the particular distemper virus used in either ferrets or dogs, and they are unable to offer any explanation for the complete discrepancy. (See *C. & D.*, March 5, p. 266.)

Overdose of Santonin

A REMARKABLE recovery from the effects of an overdose of santonin in young pigs is reported by Masheter in the "Veterinary Journal," January 1938, p. 37. Six and a half pounds of the drug were administered to a group of seventy nine-weeks-old pigs. It had been given in error for magnesium sulphate, and it was estimated that about one and a half ounces would have been given to each pig. There was a variation in the symptoms shown by various pigs, and it is believed that the santonin which was given to them was unevenly mixed and that the animals received different doses. Some pigs showed symptoms which were not very marked—such as standing with an arched back, a limp tail, depressed ears and miserable appearance, but in others epileptiform convulsions, clonic spasms and a cessation of respiration occurred. Shivering, moving of the jaws and erratic biting were observed in those which were badly affected. Treatment consisted of a drench of linseed oil—two ounces for each pig—which was followed by a pint of milk instead of the usual feed. The milk was continued for two days, and was given three times on each day. No deaths occurred, and at the end of three days all the animals were again normal and had resumed their normal feeding.

Cattle Mange Treated with Neosalvarsan

THE treatment of two cases of follicular mange in cows with neosalvarsan is described by Purchase in the "Veterinary Journal," February 1938, p. 75. In the first case onset was sudden. It was noticed that the animal declined to graze, and whenever possible endeavoured to scratch itself on any available object. Several hours later a yellow serum was found to be oozing over the whole body, not only where the animal had scratched itself, but also from the hair follicles on all parts of the skin. The animal was in a very low state and had a temperature of 107.2°. Neosalvarsan was given in a dose of 1.2 gm. intramuscularly, and on the following morning the itch had stopped, the temperature had been restored to normal and the animal resumed normal grazing. The oozing of serum discontinued, and after thirty-six hours no living parasites could be found in scrapings from the affected areas. The animal made a complete recovery. The second cow showed symptoms which were more typical of the disease. There was a continuous itch and a lowering of the general condition of the animal due to constant scratching. This cow received 0.9 gm. of neosalvarsan subcutaneously. An immediate cessation of scratching followed, and there was a bursting and an improvement of the follicular abscesses. A second, third and even a fourth injection of neosalvarsan—1.2 gm. intravenously—was given, but three weeks later there were still a few living parasites to be found.

Uses of Vitamin E

THE uses of vitamins A and D are well known, but vitamin E is not often prescribed owing to the lack of information as to its benefits and doses. Vitamin E plays an important part in the reproductive cycle in both sexes and a deficiency of this vitamin causes sterility. As much original work was done by experiments on rats, this animal is chosen as a standard, using the Pacini-Linn method which calculates the potency of the preparation by feeding female rats with this vitamin and noting the daily dose necessary to secure successful mating in a vitamin E starved rat. Experiments in poultry show

the necessity of feeding a sufficient allowance when they are kept on the intensive system, but in the ordinary way poultry have access to the varied foods which contain this vitamin. Vitamin E is found in the germ of wheat, maize and oats, also in lettuce, some fresh vegetables and in many animal tissues. Wheat germ oil is the commercial form in which vitamin E is marketed and it should be guaranteed by biological testing to contain a definite number of units.

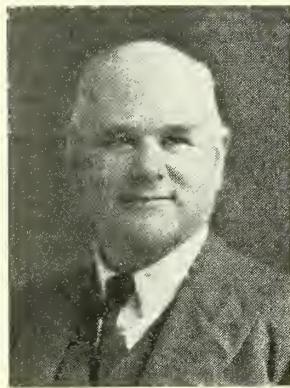
Its use is indicated where there is difficulty in getting cows successfully stocked, lapses occurring after two or three months, also in cases where the cow has had a dead calf, but to be successful, all diseases of the generative system must be absent and also no taint or infection of contagious abortion. It is suggested that the wheat germ oil may be given by injection of 10 to 20cc. once a month before and during pregnancy, or if given in the food a teaspoonful once daily for thirty days before service and continuing occasional doses afterwards. Poultry have benefited in more fertile eggs (less chicks dying in shell) and in some cases by increased laying results. Wheat germ oil is better given mixed in the poultry food adding three to eight ounces to a ton of mixture. In dogs the oil may be tried in cases where the bitch has only one or two puppies in a litter, is a non-breeder, has one or more dead puppies at birth or the pups are weakly and do not survive. It may be recommended to be given in one to three minim capsules daily or one may advise one of the special foods which contain sufficient vitamin E among other vitamins included.

Linseed Oil

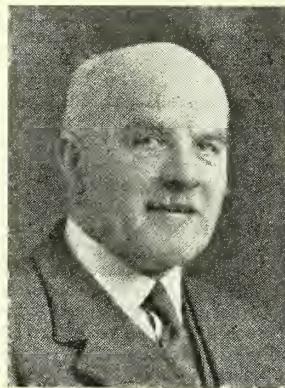
LINSEED oil is used very extensively in veterinary medicine. The commercial grade is often adulterated with other oils, or through being prepared at a high temperature is liable quickly to become rancid. It should be viscous, pale yellow in colour, having a faint but distinct odour and a bland taste. Specific gravity 0.950 to 0.940. It consists chiefly of olein or a variety recognised as linolein. It solidifies at 15° to 20° F., but at ordinary temperature it oxidises and becomes viscous, hence the title of drying oil. As a laxative it answers in many cases better than castor oil or many other aperients, as it acts gently on the bowels, producing full and softened evacuations, without nausea, griping or superpurgation. It is used as an aperient for young and delicate foals, horses, and in foal mares in cases of influenza and debilitating diseases where an aperient is indicated, and if badly constipated enemas of a pint or so of the oil act as a laxative. Doses of half a pint or less are especially suitable in inflammation of the kidneys and bladder when it is desirable to rest these organs and promote excretion by the bowels and kidneys. With broken-winded horses, an ounce or two combined with lime water and given daily relieves the distressing breathing and cough. It is very useful as a laxative for young calves with digestive or intestinal trouble and a small quantity of oil of peppermint may be mixed with the dose. For choking it answers better than most of the other oils, as it helps to prevent the animal from becoming hoven due to the obstruction lodged in the gullet. Mixed with well boiled starch gruel and injected into the rectum it allays irritation caused by scour. If a foal's or a recently-born calf's bowels do not act for three or four days after birth due to the accumulation of masses of meconium in the bowels, then a dose of equal parts of castor and linseed oil should be given. When pigs are being dosed with oil of chenopodium as a vermifuge, then linseed or equal parts of linseed and castor oil is used as an aperient. For pigs and in-pig sows linseed oil is used in preference to castor oil or Epsom salts. Some tonics and condition medicines for dogs have a certain amount of linseed oil in them and, as in other animals, linseed oil is well known to improve the condition of the animal. Small quantities may be given, and in some cases it answers better than the fish oils which may upset the digestion. As a cathartic horses take Oss. to Oj.; cattle Oj. to Ojj.; sheep and pigs 3iv. to 3vij.; dogs 3ss. to 3ij.; cats 3j. to 3ij., shaken up in gruel or a little milk. Carron oil is often used for hard, cracked or scaly skin. If linseed oil is mixed with a solution of acetate of lead it makes a soothing application for cases of eczema, but if required to be used for a long while, soft paraffin, olive or rape oil should be used, as linseed oil is so prone to become rancid or too drying.

Centenary of a Lanark Pharmacy

DURING the year 1838 a business in medicines and chemicals was founded by Mr. William Hilston at Lanark, county town of Lanarkshire. When he died, several years later, there was nothing to suggest that he had established an undertaking which would be still flourishing at the completion of a hundred years of life. In fact, to wind up the business must have been a course that powerfully recom-



Mr. James Hilston Gordon, M.P.S.



Mr. James Muir Hall, M.P.S.

mended itself to his widow, Mrs. Catharine Hilston, who was left with a young family to bring up. In the history of century-old organisations, no doubt chance often plays its part, but the survival and development of the business under Mrs. Hilston must have been in no small measure due to her abilities and character, for she carried on the shop herself and actually made a more than local reputation as prescriber for the common ailments of the day. Under the Pharmacy Act, 1868, Mrs. Hilston became registered as a chemist and druggist in that year. It was her intention to keep the business going for her sons, and in due course two of them, James

ruary 7, 1915, at the age of seventy-six. Mr. David, his junior by twelve years, died on January 28, 1927.

The business was acquired in 1915 by the present proprietors, Mr. James Hilston Gordon, M.P.S. (grandson of the founder)

1843		
Oct 1.	2s 6d	Paid 5/- John Muir Jan 1843
2	2s 6d	7/- South Clerk St 19/-
3	2s 6d	9/- James T. Clark 7/-
4	2s 6d	10/- John Muir Steps 1/-
5	2s 6d	1/- John Muir Steps 1/-
6	2s 6d	1/- John Muir Steps 1/-
7	2s 6d	1/- John Muir Steps 1/-
8	2s 6d	1/- John Muir Steps 1/-
9	2s 6d	1/- John Muir Steps 1/-
10	2s 6d	1/- John Muir Steps 1/-
11	2s 6d	1/- John Muir Steps 1/-
12	2s 6d	1/- John Muir Steps 1/-
13	2s 6d	1/- John Muir Steps 1/-
14	2s 6d	1/- John Muir Steps 1/-
15	2s 6d	1/- John Muir Steps 1/-
16	2s 6d	1/- John Muir Steps 1/-
17	2s 6d	1/- John Muir Steps 1/-
18	2s 6d	1/- John Muir Steps 1/-
19	2s 6d	1/- John Muir Steps 1/-
20	2s 6d	1/- John Muir Steps 1/-
21	2s 6d	1/- John Muir Steps 1/-
22	2s 6d	1/- John Muir Steps 1/-
		Cash over forward 69/-

Pages from original cash book of the firm (1838-1847)

and Mr. James Muir Hall, M.P.S. Mr. Hall has been associated with the firm since 1891, and it is his proud boast that he has not once been absent through illness during that period. The firm is essentially one of the old-fashioned type, and, situated as it is in one of the foremost market towns of Scotland, does an extensive business in sheep dips, agricultural and veterinary products. The original cash book used in connexion with the business (1838-1847) has been preserved. An entry for October 10, 1843, reads, "Paid to John Muir for steps, 3s. 4d.," and it is noteworthy that the steps are still in use



Main shop, 1 Wellgate, Lanark



Branch shop, 14 Bannatyne Street, Lanark

and David, took over, and by their integrity and business acumen determined the policy which led to the present extent and reputation of the firm and also gave it the title which it has since retained. Another brother, Sir Duncan Hilston, K.C.B., K.H.P., distinguished himself as a surgeon in the Royal Navy. Mr. James Hilston died at Lanark on Feb-

in the back premises of the main shop. Among present specialties of the business, some of them famous beyond the borders of Scotland, are Foot Rot ointment and Moorland sheep-dipping powder. In addition to the main premises at the Cross (1 Wellgate), Lanark, there are branches at Bannatyne Street, Lanark, and Main Street, Forth.

Citric Acid Industry

THE development of the production of citric acid by fermentation of sugar is the subject of a review by P. A. Wells and H. T. Herrick of the U.S. Bureau of Chemistry ("Industrial and Engineering Chemistry," March, 1938, pp. 255-262). In 1922 Italy produced about 90 per cent. of the world supply of calcium citrate, other countries depending on supplies controlled by the Camera Agrumaria of Messina, a sales organisation formed in 1908 to protect producers by fixed price maintenance. The large scale manufacture of fermentation citric acid commenced in the United States of America in 1923, being assisted by an increase in the duty on citric acid (from 5 cents to 17 cents per lb.) and calcium citrate (from 1 to 7 cents per lb.) under the U.S. Tariff Act of 1922. In 1927 the Italian Government placed an embargo on exports of calcium citrate to encourage home production of citric acid with the result that the principal citric acid producing countries were suddenly cut off from supplies of this raw material. Production of citric acid by the fermentation process made the United States independent of Italian citrate and within a few years large quantities of American calcium citrate were being shipped to England. Since 1935 American exports have declined sharply owing to the development of the fermentation process in England and the International Citric Acid agreement between Italy, England, France, Belgium and Czechoslovakia.

Production Figures

Table I shows the U.S. production of citric acid, the apparent decrease in 1931 and 1933 being due to fermentation acid being converted into calcium citrate for export.

TABLE I
UNITED STATES PRODUCTION OF CITRIC ACID
(U.S. Bureau of Census)

Year	Lb.	Average price per lb. in cents
1914	2,657,840	53
1919	3,163,676	110
1921	3,849,789	49
1923	5,689,473	50
1925	7,589,213	46
1927	7,058,215	44
1929	10,755,789	46
1931	8,361,441	36
1933	5,695,793	32
1935	10,493,068	28

TABLE II
ITALIAN CITRIC ACID AND CALCIUM CITRATE

Year	Calcium Citrate		Citric Acid	
	Production	Exports	Production	Exports
Thousands of lb.				
1920	12,499	19,350	3,847	3,371
1922	16,733	19,879	4,158	3,479
1924	15,789	8,322	6,063	4,257
1926	11,003	10,132	4,299	4,544
1928	10,018	3,587	(a)	7,358
1930	(a)	5,036	(a)	4,005
1932	(a)	1,455	(a)	3,486
1934	(a)	4,150	(a)	4,920
1935	(a)	2,660	(a)	3,680
1936	(a)	2,200	(a)	1,890

(a) Figures not available.

The Italian citric acid industry was reorganised in 1928, a common sales organisation known as the C.I.F.A.C. (Consorzio Italiano Fabbriche Acida Citrica) controlling production and

sales. This body has first call on the raw material (calcium citrate) held by the Camera Agrumaria and only when its needs are satisfied can any surplus be exported. Citric acid manufacture was centred in two factories: the Arenella at Palermo and the Sada-Bosurgi at Messina. Exports of Italian citric acid rose rapidly, but the curtailment of exports of calcium citrate seems to have stimulated efforts to develop the fermentation industry and the resultant severe competition may spell the eventual doom of the natural citric acid industry in Italy. Up to 1928 Great Britain was one of the chief markets for Italian calcium citrate, but American supplies largely replaced the Italian product following uncertainty in supply of the latter. This loss to Italy was at first compensated by increased British imports of Italian citric acid, but this has declined rapidly with domestic production of fermentation acid by Kemball, Bishop & Co., Ltd., in London, and John & E. Sturge, Ltd., at Birmingham.

Attempts at citric acid production by fermentation were made at Tirlemont, Belgium, as early as 1914, but the amount made remained insignificant until 1927. In 1933 over 2,000,000 lb. of citric acid were exported by La Citrique Belge S.A., a member of the European cartel, in which the Italian producer, Arenella, is reported to have an 80 per cent. interest.

Production of citric acid by fermentation of molasses was started in Czechoslovakia in 1930. Production by Montan & Industrialwerke (vorm. J. D. Starck) at Prague totalled 911 metric tons (or approximately 2,000,000 lb.) in 1936. Reports indicate that commercial production of fermentation acid is in progress in Russia, but the capacity is not known. In Japan extension of existing facilities to produce one million pounds of fermentation acid per annum is contemplated. At present no citric acid is made by the fermentation process in France or Germany.

TABLE III
EUROPEAN EXPORTS OF CITRIC ACID

	1927	1929	1931	1933	1935
Metric tons					
Italy	1,908	2,803	1,821	1,960	1,670
England	439	1,069	1,391	1,711	(a)
Belgium	26	20	874	1,217	(a)
Czechoslovakia	None	None	379	518	577
Germany	(a)	39	17	16	75
France	229	93	130	(a)	(a)

(a) Figures not available.

Citric acid is readily produced from sugars by many different strains of *Aspergillus niger* as well as numerous other fungi. The activity of individual strains of *Aspergillus niger* provides a most difficult problem in the fermentation process whilst the proportion of inorganic nutrient salts and acidity of medium affect the proportion of citric and oxalic acid. Research in 1917 revealed the importance of a preliminary acidification with hydrochloric acid to pH 3.5 as a means of suppressing oxalic acid formation and preventing danger of infection and undesirable spore formation. The process consists essentially of the inoculation of a sterile nutrient (sugar) solution placed in shallow (aluminium) pans with spores of the selected strain of *Aspergillus niger*. Culture is carried out usually at a temperature of 25° to 35°C., the mycelium covering the surface within two days and citric acid formation occurring rapidly after the fourth day, fermentation being completed in 7 to 10 days. The yield of citric acid is approximately 60 per cent. by weight of the sugar taken. The requirements of nutrient salts apparently depend upon the type of organism, some investigators claiming that small amounts of zinc and iron are necessary as well as the essential elements (potassium, phosphorus, magnesium and sulphur). The commercial process depends upon details which are kept secret.

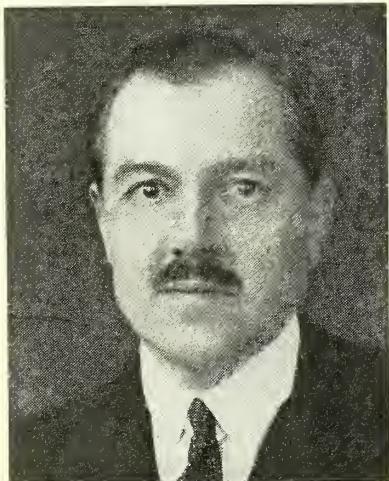
The article discloses that about 1,000,000 lb. of citric acid is made in Hawaii from pineapple waste from a plant erected in 1930. Production in the United States from citrus fruits is limited by amount available and probably seldom exceeds 3,500,000 lb. annually.

British Chemical Merchants' Meeting

THE fifteenth annual general meeting of the members of the British Chemical and Dyestuffs Traders' Association, Ltd., was held at the Waldorf Hotel, London, W.C.2, on Wednesday, May 11. Mr. J. F. A. Segner (chairman) presided at the luncheon which preceded the meeting, and was supported by Mr. Victor Blagden (president), Messrs. A. F. Butler, F. A. Waugh, C. W. Deane, W. Beckley, A. F. Lawson, H. Gilliat and C. H. Wilson, members of the Executive Council. The guests included Capt. Rt. Hon. D. Euan Wallace, Parliamentary Secretary, Board of Trade, Sir Percy Ashley, K.B.E., Secretary, Import Duties Advisory Committee, Mr. Le Maistre, C.B.E., Director, British Standards Institution, Mr. W. J. Uglow Woolcock, C.M.G., Mr. J. Davidson Pratt, O.B.E., General Manager, Association of British Chemical Manufacturers, Mr. Otto Munday, Customs and Excise, Dr. Wm. Cullen, President, Institute of Chemical Engineers, and representatives of industrial organisations and Government departments. Capt. Rt. Hon. D. Euan Wallace, M.P., in speaking to the toast of "The Association," referred to the immense importance of the chemical industry to the people of this country and the prominent place it took in the progress of industry generally. The chemical industry was one of great complexity, dealing with thousands of products. The merchants had a formidable task in acting as the connecting-link between producers and consumers. It was a matter for satisfaction that exports of chemical products had increased in value from £21.3 millions in 1935 to £24.7 millions in 1937. These figures reflected with credit on the efficiency of the merchanting community. It was now recognised that, under present world conditions, it was essential there should be ever closer co-operation between Government departments and industry, and it was gratifying to know that the trade organisations were proving helpful both to the departments and to the trades and industries they represented. In replying on behalf of the Association, Mr. Victor Blagden, the president, thanked Capt. Wallace for his complimentary remarks when referring to the merchants as a useful and economical part of the industry. It would continue to be the aim of the Association to endeavour to co-operate with all Government departments. Mr. J. F. A. Segner, the chairman, in proposing the toast of "Our Guests," said it was a source of considerable satisfaction that, as in former years, they were honoured with the presence of representatives of every Government department interested in the chemical industry, and a number of leaders in the various branches of the trade. He would assure Sir Percy Ashley that, as a body of merchants, while acknowledging the difficulties his high office entailed, they had complete confidence in him to deal both ably and impartially in all matters in which the merchant interest was involved. In replying, Sir Percy Ashley remarked that this was the third year in succession he had spoken at their annual gathering. He could only repeat what he had said on the previous occasions, namely, that their organisation was serving a very useful purpose.

Annual General Meeting

In the course of his report on the year's work of the Association, the chairman, Mr. J. F. A. Segner, said:—Once again we record a year of progressive activity. I am pleased to report that cordial relationships have been maintained with the



CAPT. RT. HON. D. EUAN WALLACE, M.P.
Parliamentary Secretary to the
Board of Trade

ments and industry, and it was gratifying to know that the trade organisations were proving helpful both to the departments and to the trades and industries they represented. In replying on behalf of the Association, Mr. Victor Blagden, the president, thanked Capt. Wallace for his complimentary remarks when referring to the merchants as a useful and economical part of the industry. It would continue to be the aim of the Association to endeavour to co-operate with all Government departments. Mr. J. F. A. Segner, the chairman, in proposing the toast of "Our Guests," said it was a source of considerable satisfaction that, as in former years, they were honoured with the presence of representatives of every Government department interested in the chemical industry, and a number of leaders in the various branches of the trade. He would assure Sir Percy Ashley that, as a body of merchants, while acknowledging the difficulties his high office entailed, they had complete confidence in him to deal both ably and impartially in all matters in which the merchant interest was involved. In replying, Sir Percy Ashley remarked that this was the third year in succession he had spoken at their annual gathering. He could only repeat what he had said on the previous occasions, namely, that their organisation was serving a very useful purpose.

Government departments and other official bodies. The Safeguarding of Industries Act has now been with us for so long that there is little on which to comment in regard to its administration. Several amendments were made to the Key industry duty list during the past year, notably the deletion of a number of proprietary names where the chemical equivalents were already listed. A few products were added to the list and quite a number of products have been exempted from Key industry duty.

In regard to the Import Duties Act, there have been very few actual changes in import duty rates on chemicals and allied materials, but it is of interest to refer to the applications that were considered by the Import Duties Advisory Committee, particularly those seeking additional duties. Our Association opposed the additional duty applications relating to sodium chlorate and to potassium and sodium ferrocyanides, and appropriate observations were made to the Advisory Committee. The former case was eventually withdrawn by the applicants and, in the other application, the Advisory Committee decided not to make any recommendation. Representations were also submitted in opposition to the application for increased duty on barium chloride, and constructive suggestions were put forward by the Association for a settlement of the difficulty satisfactory to both sides. In this case also the Advisory Committee decided to take no action. The plea by the home manufacturers of Lithopone for a specific duty as alternative to an *ad valorem* duty was opposed on behalf of our members. Owing to the rising trade enjoyed by certain grades of the imported material the applicants were successful, but it is interesting to note that in making its recommendation the Advisory Committee indicated that in the event of an agreement between the chief European manufacturers they would be prepared to consider a reduction in the rate of duty. Our Association is not concerned with the merits or demerits of conventions and cartels but, as the representative body of chemical distributors, we observe with interest the present tendency to encourage international co-operation in industry as an alternative to high protective tariffs.

A question which has frequently been referred to in the past is that of the method of assessing the value of goods on which duty is payable. With a view to safeguarding the revenue, it was considered necessary by Customs to introduce a most stringent method of valuation, and traders to-day have to contend with a complicated system which, in many instances, operates in such a manner that the importer is faced with what amounts to an additional duty. If a merchant has sufficient enterprise to obtain the sole rights to distribute the product of an overseas manufacturer, his enterprise is penalised by being called upon to submit to a lengthy Customs investigation which often results in the value being assessed by reference to the sales price in this country. This is a most unsatisfactory position, for it is essential that the merchant should be in a position to determine what amount of duty he will have to pay before he can fix the price at which the goods can be sold. There is a strong case for a more simplified method of Customs valuation.

The uncertain times through which we are passing and the rapidly changing conditions call for close co-operation in every trade, and it is reassuring to know that our Association is ready, if called upon, to adapt itself to wider and perhaps hitherto unexplored fields of activity on behalf of the interests of chemical distributors. The activities of the merchant are of no less importance to-day than they were when free markets existed throughout the world, but Government restrictions in the form of tariffs and currency control are hampering the merchant's natural function of developing trade between one country and another. There are welcome indications that industry is again recognising the merchant as the proper medium for distribution in the world's markets, and I need hardly add that the merchants are ready to play their part. The chairman referred in complimentary terms to the good work of the secretary, Mr. F. G. W. Paige.

The following officers were elected:—President, Mr. Victor Blagden; Vice-Presidents, Mr. A. F. Butler and Mr. S. J. C. Mason; Chairman, Mr. J. F. A. Segner; Vice-Chairman, Mr. F. A. Waugh; Hon. Treasurer, Mr. W. Beckley; Hon. Auditor, Mr. B. C. Hughes; Executive Council, Mr. H. L. Frodsham and Mr. G. S. Bache.

Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values

28 Essex Street, W.C.2, May 12

"RATHER more business, with a little brighter outlook," is the tenor of reports to hand this week. The better volume of trade is still chiefly composed of orders for limited quantities, with speculative business remaining quiet. Values for most of the articles outside the speculative groups are keeping fully steady. The wide fluctuations in the French franc have had very little effect here, as most quotations from that source are now made in other currencies. Business in the PHARMACEUTICAL CHEMICALS markets continues quietly on modest lines. The most important price movement to record is another substantial cut in the already low scale of values for STRYCHNINE SALTS. This revision of home makers' prices has been made, it seems, to meet competition from India. It is stated that supplies from this source will shortly be available on this market.

Crude Drugs

Consuming trade continues to move on moderate lines, while speculative business shows no sign of revival. The tone in most markets is steady. Spot business in AGAR is not of much account; there are some cheap offers of old crop "in bond." Further good business in Curaçao ALOES has depleted spot stocks to a low level, and prices are now very firm; one shipment offer, via New York, noted this week at a high figure. Little interest shown in shipment offers of new crop Canada BALM. A few bales of new crop BUCHU reported sold, with prices keeping steady. Japanese CAMPHOR has been quiet of late. Speculative shipment offers for the coming crop of CASCARA SAGRADA have attracted interest and, it is reported, a little business. Bergen reports a much steadier tone in the shipment market for new crop Norwegian COD-LIVER OIL, despite the quiet demand. West African GINGER remains quiet and at low values. The spot and shipment prices now being quoted for Sudan Gum ACACIA are the cheapest for a long time, but the demand is still disappointing. There has been a moderate business in the recent arrivals of Jamaican HONEY. Japanese MENTHOL has been quiet again this week; the market is devoid of any speculative activities; shippers quotations are keeping very steady. Quite a fair business in RHUBARB, with the demand chiefly for the rough round variety.

Essential Oils

Dealers report a better week of business, but competition in some products continues keen. The range of quotations, however, usually indicates a comparable difference in the quality of the oils offered. Business in ANISE (STAR) remains quiet and competition is keen. One or two cheap prices for Australian EUCALYPTUS were recently noted, but these do not refer to the best brands, for which prices are keeping steady. Quotations for LAVANDIN are reported to be cheap and, at the moment, are under the figures for good quality Spanish SPIKE. The prices forecasted for new crop NEROLI are at high figures. The demand on spot for new crop LEMON is fair in moderate quantities; shipment prices are fully steady and appear to be justified by the position at the source. Business in new crop French Guinea ORANGE so far this season appears to have been less than was anticipated; quotations for repacked oil are very keen. Spot supplies of PALMAROSA are firm and rather dearer, with stocks at a low level, and no definite shipment offers. Japanese PEPPERMINT has had another quiet week; shippers' quotations steady.

Exchange Rates on London

THE following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

Centre	Quoted	Par	May 5	May 12
Amsterdam ...	Fls. to £	12·107	8·96½	8·97½
Berlin ...	Mks to £	20·43	12·40	12·37
Brussels ...	Belgas to £	nominal	29·62	29·54
Copenhagen ...	Kr. to £	18·159	22·40	22·40
Lisbon...	Esc. to £	110	110½	110½
Madrid ...	Ptas. to £	25·24½	nominal	nominal
Milan ...	Lira to £	92·46	94½	94½
Montreal ...	Dols. to £	4·86½	5·01½	5·00½
New York ...	Dols. to £	nominal	4·99½	4·97½
Oslo ...	Kr. to £	18·159	19·90	19·90
Paris ...	Fr. to £	124·21	165·170	176
Prague ...	Kr. to £	161·25	143½	142½
Stockholm ...	Kr. to £	18·150	19·40	19·40
Warsaw ...	Zloty to £	43·38	26½	26½
Zurich...	Fr. to £	25·2115	21·72	21·76

Bank rate 2 per cent.

Pharmaceutical Chemicals, etc.

QUOTED prices continue to show but little change, with business moving on a moderate scale. Strychnine salts cheaper.

ACETANILIDE.—Market has been quiet: B.P. crystals and powder, 1s. 7d. to 1s. 10½d. per lb., as to quantity.

AMIDOPYRINE.—Convention prices unchanged: crystals, two cwt., 9s. 4d.; one cwt., 9s. 8d.; less than one cwt., 1os. per lb., with powder 2½d. per lb. extra.

AMMONIUM ICHTHIOSULPHONATE.—One cwt., 1s. 6½d., in 14-lb. tins; 1s. 8d. in 1-lb. tins; 1s. 10d. in 8-oz. tins, and 2s. 1d. per lb. in 4-oz. tins.

ASPIRIN.—Makers' and dealers' prices are steady: home trade, ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8½d.; 28 lb., 3s.; 14 lb., 3s. 1½d.; 7 lb., 3s. 2½d.; 4 lb., 3s. 4½d.; 1 lb., 3s. 7d. per lb. Bulk packing free, net, carriage paid. Contracts, over twelve months, minimum one ton; over six months, less than one ton.

BARBITONE.—Unsteady and in small request: two cwt., 8s. 11d.; 56 lb., 9s. 2d.; less than 56 lb., 9s. 5d. per lb., ex store, London.

BENZOIC ACID (B.P.).—Fair business at keen prices: quantities, ex works, 1s. 9d.; spot parcels, 1s. 10d. to 2s. 3d. per lb., ex store, as to quantity.

BORAX (B.P.).—Makers' prices steady: granulated, £24; crystals, £25 powdered, £25 10s.; extra fine powder, £26 per ton, in one-cwt. bags, carriage paid buyers' works for minimum 1-ton lots. Extra for smaller quantities. Commercial quality, £8 per ton less for all descriptions.

BORIC ACID (B.P.).—Makers' prices continue steady: granulated, £26 10s.; crystals, £37 10s.; powder, £38 10s.; extra fine powder, £40 10s. per ton, in 1-cwt. bags, carriage paid to buyers' works on 1-ton minimum. Commercial quality, £8 per ton cheaper for all descriptions.

BROMIDES.—Makers' scales of prices steady. POTASSIUM, B.P., five cwt., 1s. 8d.; one cwt., 1s. 9d.; 28 lb., 2s. per lb. SODIUM, B.P., five cwt., 1s. 10d.; one cwt., 1s. 11d.; 28 lb., 2s. 2d. per lb. AMMONIUM, B.P., five cwt., 1s. 11d.; one cwt., 2s.; 28 lb., 2s. 3d. per lb. net. Resale clause applies: 28-lb. parcels and one-cwt. cases free. Smaller quantities than 28 lb. at higher prices. Export quotations are maintained as follows: POTASSIUM, B.P., five cwt., 1s. 4d.; one cwt., 1s. 4½d. SODIUM, B.P., five cwt., 1s. 5d.; one cwt., 1s. 5½d. AMMONIUM, B.P., five cwt., 1s. 6d.; one cwt., 1s. 7d. per lb. f.o.b.

BUTYL CHLORAL HYDRATE.—Demand quiet: spot, 14 lb., 8s.; 7 lb., 8s. 3d.; 1 lb., 8s. 6d. per lb., in 1-lb. bottles.

CAFFEINE.—The scales for Continental material, duty paid, in 5-lb. tins, are as follows:—Pure alkaloid, two cwt., 8s. 10d.; one cwt., 9s. 0½d.; 56 lb., 9s. 2½d.; less than 56 lb., 9s. 4½d. per lb. Citrate, two cwt., 5s. 11½d.; one cwt., 6s. 0½d.; 56 lb., 6s. 1½d.; less than 56 lb., 6s. 2½d. per lb. Soda sal, two cwt., 6s. 2½d.; one cwt., 6s. 3d.; 56 lb., 6s. 4½d.; less than 56 lb., 6s. 5½d. per lb. English makers' prices as follows: Pure alkaloid, two cwt., 9s.; one cwt., 9s. 2d.; 56 lb., 9s. 4d.; less than 56 lb., 9s. 6d. per lb. Citrate, two cwt., 5s. 11½d.; one cwt., 6s.; 56 lb., 6s. 1d.; less than 56 lb., 6s. 2d.

CALCIUM LACTATE.—Market steady, average business: one cwt., 1s. 0½d.; 56 lb., 1s. 1½d.; 28 lb., 1s. 2d.; smaller quantities, up to 1s. 6d. per lb.

CHLORAL HYDRATE.—Home makers' scale of prices steady: duty-paid crystals in 14-lb. free containers, five cwt., 3s. 2d.; one cwt., 3s. 3d.; 28 lb., 3s. 4d. per lb., 28-lb. jars one penny per lb. extra.

CHLOROFORM.—Makers' prices steady: two cwt., 2s. 5½d. per lb.; one cwt., 2s. 6d.; 56 lb., 2s. 6½d.; less, 2s. 7½d. per lb., in w-quarts of 8 lb. Packed in drums 2d. per lb. less. Small bottles extra, from 5d. per lb. for ½-lb. bottles to 1d. per lb. for 2-lb. bottles. Carriage paid on minimum cwt. lots.

CITRIC ACID (B.P. CRYSTALS).—Fair demand, market steady: British material quoted at 1s. 0½d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers' prices for imported material are competitive.

CREAM OF TARTAR.—Continues steady: British material, 99 to 100 per cent., 92s. per cwt., less 2½ per cent. discount. Dealers' prices for foreign material competitive.

CREOSOTE (B.P.).—Dealers' prices are keen: bulk quantities, in 25-kilo demijohns, 1s. 6d.; small parcels, 1s. 7d. to 1s. 10½d. per lb., ex store.

EPHEDRINE.—The demand remains negligible. Makers quote Hydrochloride, B.P., at about 8s. to 9s. 6d. per oz., as to quantity. Small quantities of pure alkaloid, about 12s. 6d. per oz.

GALLIC ACID.—Market is steady: one cwt., 3s.; 56 lb., 3s. 1d.; small parcels, up to 3s. 6d. per lb.

LACTIC ACID (B.P.).—Market shows no change: quantities in carboys, 1s. 4½d. to 1s. 5d.; in winchesters and bottles, 1s. 6d. to 1s. 10½d. per lb., as to quantity.

MERCURIALS.—Makers' prices continue unchanged.

	Less than 28 lb.	Not less than 28 lb.	Not less than 112 lb.
	s. d.	s. d.	s. d.
Ammoniated Lump B.P. (White Precip.)	5 10	5 6	5 5
Powder B.P.	6 0	5 8	5 7
Bichloride Lump B.P. (Corros. Sub.)	5 1	4 9	4 8
Powder B.P.	4 9	4 5	4 4
Chloride B.P. Calomel	5 10	5 6	5 5
Red Oxide Cryst. B.P.C. (Red Precip.)	6 11	6 7	6 6
Levig. B.P.C.	6 5	6 1	6 0
Yellow Oxide B.P.	6 3	5 11	5 10
Persulphate White	6 0	5 8	5 7
Sulphide Black (Hyd. Sulph. cum. Sulph. 50%)	5 11	5 7	5 6

Net.—Without engagement. Special prices for larger quantities and for contracts. Assorted salts at bulk quantity prices.

METHYL SALICYLATE.—Market continues rather quiet: spot, ten cwt., 1s. 1½d.; five cwt., 1s. 2d.; one cwt., 1s. 2½d.; less than one cwt., 1s. 3d.; small quantities, in bottles, up to 2s. per lb.

METHYL SULPHONAL.—Dealers' quotations are very competitive: two cwt., 19s. 3½d.; one cwt., 19s. 9½d.; 56 lb., 20s. 2½d.; small parcels, up to 20s. 8d. per lb.

PHENACETIN.—Makers' prices steady, small business: crystals or powder, bulk quantities, 2s. 6d.; smaller parcels, 2s. 7d. to 3s. per lb., as to quantity.

PHENAZONE.—Quiet and unsteady on quotation: crystals, five cwt., 6s. 9½d.; two cwt., 7s.; one cwt., 7s. 3d.; and less, 7s. 6d. per lb., with powder 2½d. per lb. extra.

PHENOPHTHALEIN.—The scale of prices is unchanged: two cwt., 2s. 9d.; one cwt., 2s. 10d.; 28 lb., 3s.; 14 lb., 3s. 1d.; 7 lb., 3s. 2d.; smaller parcels, up to 3s. 6d. per lb.

PHENYLETHYLBARBITURIC ACID.—Dealers are slightly cheaper, with small spot parcels at about 19s. to 20s. per lb. in 2-lb. bottles.

PHOTOGRAPHIC CHEMICALS.—Home makers' prices are as follows: AMIDOL.—28 lb., 8s.; 14 lb., 8s. 9d.; 7 lb., 9s. 6d.; in free 7-lb. tins; under 7 lb., 12s. per lb., in free 1-lb. bottles. CHLORQUINOL.—1-lb. bottles, 21s. per lb. GLYCIN.—7 lb., 10s. 6d.; 1-lb. bottles, 13s. 6d. per lb. HYDROQUINONE.—56 lb., 4s. 10½d.; 28 lb., 5s.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.; in 1-lb. bottles, 6s. 6d. per lb. METOL.—28 lb., 9s. 6d.; 14 lb., 9s. 9d.; 7 lb., 10s. 6d., tins free; 3 lb., 12s., bottles free; 1-lb. bottles, 12s. 6d. per lb., bottles free. ALUM (PHOTOGRAPHIC QUALITY).—1 cwt., 21s. per cwt.; 28 lb. for 6s. GOLD CHLORIDE.—15-grain tubes, 45s. per doz. MAGNESIUM POWDER.—10s. per lb. PARAMIDOPHENOL HYDROCHLOR.—8s. 6d. per lb., bottles free. POTASSIUM FERRICYANIDE.—14 lb., 2s. 2d.; 7 lb., 2s. 4d.; 1 lb., 2s. 6d. per lb. POTASSIUM METABISULPHITE.—One cwt., 8d.; 28 lb., 9d.; 14 lb., 10d.; 7 lb., 1s. per lb. PYROGALLIC ACID, CRYST.—28 lb., 7s. 3d.; 14 lb., 8s.; 7 lb., 8s. 9d.; under 7 lb., 9s. 3d. per lb. SODIUM (CARBONATE RECRYST.).—5 cwt., 12s. 6d. per cwt.; 1 cwt., 15s. 6d. per cwt.; 56 lb. for 11s. 6d.; 28 lb. for 6s. SODIUM HYPOSULPHITE, CUBES, CRYST.—5 cwt., 17s.; 1 cwt., 19s. 6d. per cwt.; 56 lb. for 11s. 6d.; 28 lb. for 6s. SODIUM SULPHIDE (PURE).—7 lb., 1s. 9d.; 1 lb., 2s. per lb., bottles and jars free. SODIUM SULPHITE, RECRYST.—One cwt., 21s. 6d. per cwt.; 56 lb. for 13s. 6d.; 28 lb. for 7s.

POTASSIUM PERMANGANATE (B.P.).—Dealers' prices are steady: bulk quantities, in drums, 8½d. to 9d.; druggists' parcels, from 10d. to 1s. per lb.

POTASSIUM SULPHOGUAICOLATE.—Market has been quiet: spot, about 6s. 1½d. to 6s. 3d. per lb., as to quantity.

QUININE SALTS.—Convention prices continue unchanged: sulphate, 2s. 2d.; bisulphate, 2s. 2d.; ethyl carbonate, 2s. 9½d.; salicylate, 2s. 10½d.; hydrochloride, 2s. 8½d.; dihydrochloride, 3s.; hydrobromide, 2s. 8½d.; dihydrobromide, 3s.; valerianate, 3s. 8d.; hydrophosphate, 4s.; alkaloid, 3s. 9d. per oz., carriage paid on bulk quantities; 100 oz. tins free, smaller packages extra.

RESORCIN.—The home makers' scale of prices is as follows: one cwt., 5s. 5d.; 56 lb., 5s. 6d.; 28 lb., 5s. 7d.; 14 lb., 5s. 9d.; 7 lb., 6s.; smaller quantities, up to 7s. per lb.

SACCHARIN.—The Convention price for 550 is 37s. 6d. per lb., duty paid, with rebates for quantities.

SALICYLIC ACID (B.P.).—Quiet, with quoted values unchanged: five cwt., 1s. 7d.; one cwt., 1s. 7½d.; 28 lb., 1s. 10d.; 14 lb., 1s. 11½d.; 7 lb., 2s. 0½d.; 4 lb., 2s. 2½d. per lb.

SALOL.—Competitive prices quoted, business small; market dull: 2s. 3d. to 2s. 6d. per lb., as to quantity.

SODIUM BENZOATE.—Market is keen for bulk business: bulk quantities, 1s. 5d.; smaller parcels, 1s. 6d. up to 1s. 10½d. per lb., as to quantity.

SODIUM DIETHYLBAREITURATE.—Convention scales of prices are unchanged: spot, one cwt., 11s.; 28 lb., 11s. 3d.; 14 lb., 11s. 6d.; 7 lb., 1s. 9d.; smaller parcels, up to 12s. 3d. per lb.

SODIUM SALICYLATE (B.P.).—Makers' quoted prices are unchanged: home trade, crystals or powder, five cwt., 1s. 5½d.; one cwt., 1s. 6d.; 28 lb., 1s. 9d.; 14 lb., 1s. 10½d.; 7 lb., 1s. 11½d.; 1 lb., 2s. 4d. per lb.

STRYCHNINE SALTS.—Home makers notify a further reduction in their scales of prices for home trade and for export to British Empire destinations (excluding Canada). Contracts will not be accepted at the new prices, which are as follows:

	Under 100 oz.	Under 500 oz.	500 oz. and over
	Home or f.o.b. British Empire	Home or c.i.f. British Empire	Home or c.i.f. British Empire
	Per oz.	Per oz.	Per oz.
Pure Crystals	... ...	1 3½	1 3
" Precip.	... ...	1 3½	1 3
Acetate	... ...	1 10	1 8
Arsenite	... ...	1 9	1 7
Bisulphite	... ...	0 10	0 9½
Hydrochloride	... ...	1 1½	1 1
Hypophosphite	... ...	3 4	3 2
Nitrate Crystals	... ...	1 1½	1 1
" Powder	No. 2 ...	1 1½	1 1
Phosphate	... ...	0 10½	0 9½
Sulphate Neut. Cryst.	... ...	2 1	1 11
" " Powder	... ...	1 0	0 11½
" "	No. 2 ...	0 10½	0 9½

25-oz. tins free. Export cases free. 1-oz. bottles 2d. each extra. For export—1 per cent. cash in ten days. Terms: net, 30 days. Contracts cannot be accepted. For export: buyers held covered against price reduction for ten days after arrival of steamer at port of destination.

SULPHONAL.—Market remains quiet, with quotations very competitive: crystals or powder, two cwt., 15s. 5d.; one cwt., 15s. 11d.; 56 lb., 16s. 1d.; smaller parcels, up to 16s. 7½d. per lb.

TARTARIC ACID (B.P. CRYSTALS).—No change in quoted prices: British makers quote at 1s. 1½d. per lb., less 5 per cent. discount, dealers offering foreign materials at competitive prices.

VANILLIN.—Convention prices are steady: five cwt., 12s. 5d.; one cwt., 12s. 8d.; 56 lb., 13s.; less than 56 lb., 13s. 2d. per lb. Rather more inquiry reported.

Crude Drugs, etc.

AGAR.—Spot market is generally unchanged except that it is reported that goods in bond are being quoted cheaply to effect sales, the figure mentioned being about 2s. 6d., but duty would have to be paid on a much higher value than this: spot, Kobe, No. 1, 3s. to 3s. 1d.; No. 2, 2s. 10½d. to 3s. Yokohama, No. 1, 2s. 10½d. per lb., shipment; Kobe, No. 1, May-June, 2s. 6½d.; July-August, 2s. 7½d.; No. 2, May-June, 2s. 4½d. per lb., c.i.f.

ALOES.—Good spot business in Curaçao reported and values are now firm with stocks well depleted. Cape variety is steady: Cape, spot, 63s. to 64s.; shipment, about 62s. 6d. per cwt., c.i.f. Curaçao, spot, now quoted from 138s. to 150s. per cwt., as to quality. One shipment offer at 145s., c.i.f.

ANTIMONY.—Chinese is again quoted easier: Chinese, crude, spot, £40; shipment, May-June, £36, c.i.f. English regulus, £75 to £78 per ton, ex store.

ARECA NUTS.—Spot supplies are offering at about 25s. per cwt., ex store, for small parcels.

BALSAMS.—New crop Canada is being quoted in the region of 4s. 6d., c.i.f., but so far has not attracted much business: spot, Tolu, 1s. 8d.; Canada, nominal; Copaiba, Para, 1s. 9d.; Peru, 4s. 6d. per lb., spot.

BELLADONNA.—Small business reported: Leaves, 55s.; root, high testing, 6os. per cwt., spot.

BUCHU.—Fair selection of new crop leaves available here with a few sales recorded. Fair to good green rounds at about 1s. 8d. to 1s. 8½d.; ordinary, rather stalky, slightly less. Some few bales of old crop leaves might be picked up at about 1s. 6d. per lb.; shipment quoted at 1s. 5d., c.i.f., for f.a.q.

CAMPHOR.—Market has been rather quiet: Japanese monopoly BB grade is £8 per 100 lb.; Japanese, natural, spot, tablets, 2s. 6½d.; powder, 2s. 3d.; slabs, 2s. 2½d. per lb., ex store; shipment, tablets, 2s. 2½d.; powder, 2s. 0½d.; slabs, 1s. 11½d. per lb., c.i.f.; English refined flowers, one cwt., 3s. 1d.; 28 lb., 3s. 2d.; small lots, 3s. 3d. per lb. Transparent tablets, 4 oz., 8 oz. and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.; ½ oz., ¼ oz. and ⅓ oz., 3s. 6d. per lb.

CANTHARIDES.—Business has been quiet: Chinese, spot, 2s. 1d. to 2s. 2d. per lb., as to quantity; shipment, 1s. 7d. per lb., c.i.f.

CASCARA SAGRADA.—A little spot business moving at steady prices: spot, 1937 meal, 54s. to 54s. 6d.; old peel, 65s. to 70s. per cwt., ex store. Speculative shipment offers eased down to about 39s., c.i.f., but orders were not accepted by the source at this figure and were countered by quotations of about 40s. per cwt., c.i.f.

CELERY SEEDS.—Dealers are offering spot supplies at about 8s. per cwt., ex store.

CHAMOMILES.—Spot supplies of last season's good white flowers are available at about 17s. per cwt., ex store.

CLOVES.—Values about level on the week, market rather quiet: Zanzibar, spot, 8d.; shipment, May-June, 8d. per lb., c.i.f. Madagascar, in bond, 7d.; shipment, May-June, 6d. per lb., c.i.f.

The landings of Zanzibar in London during the week ended May 7 were 350, and the deliveries 182, leaving a stock of 1,185. From January 1 to date the landings of Zanzibar have been 1,185 and the deliveries 1,069. Landings of Madagascar for the week ended May 7 were 14, and the deliveries 12, leaving a stock of 1,471. From January 1 to date the landings of Madagascar have been 739 and the deliveries 1,344 packages.

COCOA BUTTER.—Quiet business, market steady: Prime English, 9d. to 10d. per lb.; foreign, 7d. to 9d. per lb., as to quantity and quality.

COCONUT (DESICCATED).—Values about steady, market rather dull: spot, fine, 17s. 3d.; medium, 16s. 6d. per cwt.; shipment, halves, May-June, 15s. 9d.; July, 16s. per cwt., c.i.f.

COD-LIVER OIL.—Bergen reports Finmarken fishing is now practically finished. Results to May 7: 142,074 tons of cod and 63,667 hectol. of oil, compared with 138,430 tons of cod and 70,719 hectol. of oil in 1937, and 113,283 tons of cod and 54,707 hectol. of oil in 1936. The shipment market remains rather quiet, but shipment quotations are steadier: finest Lofoten steam-refined non-freezing medicinal oil, about 90s. per barrel, c.i.f. London. Small lots, on spot, about 132s. 6d. per barrel, ex store, duty paid. British finest medicinal oil, 115s. per 25-gallon drum, delivered U.K., with rebates for 25 or more drums.

Shipments of medicinal quality oil from Norway during the past three years were as follows:

Destination	1935	1936	1937
	Gallons	Gallons	Gallons
United States ...	989,686	1,165,729	1,140,924
Italy ...	244,304	227,028	266,231
Germany ...	183,228	258,411	233,503
Poland and Danzig ...	9,140	103,687	108,603
France ...	191,055	199,184	143,391
Holland ...	105,219	127,171	130,421
Great Britain ...	178,394	173,745	112,774
Canada ...	55,476	100,464	73,994
Greece ...	50,030	61,129	72,858
Belgium ...	72,409	49,717	64,405
Rumania ...	26,866	37,776	40,260
Austria ...	—	24,198	38,648
Czechoslovakia ...	—	38,807	37,274
Yugoslavia ...	20,922	35,742	36,746
Switzerland ...	35,504	38,807	36,614
Sweden ...	25,413	25,836	33,999
Eire ...	19,945	25,915	31,859
Bulgaria ...	6,049	20,798	31,568
Turkey ...	21,239	27,553	31,278
Spain ...	30,670	13,737	15,163
Australia ...	37,671	11,914	6,684

COLOCYNTH.—A quiet demand on spot, with supplies of pulp offering from 1s. to 1s. 3d. per lb., as to quantity, duty paid.

ERGOT.—A moderate spot business, with Portuguese rather steadier at 3s. 9d. to 4s. per lb., as to quantity. Shipment prices have not maintained the firmer tone recorded last week and are back down to 3s. 6d., c.i.f., with bids invited. No Russian available here.

GENTIAN.—Remains in rather slow sale: clean French root from 40s. to 41s. and Continental from 37s. to 38s. per cwt., ex store, as to quantity.

GINGER.—Market for all descriptions remains quiet: West African, spot, 27s. 6d.; for arrival, May-June, 23s. per cwt., c.i.f. Jamaican, spot, bold, in barrels, 8s. to 85s.; small grinding, in bags, 55s. to 60s. per cwt., c.i.f. Cochin, washed, rough, spot, 43s.; shipment, 39s. per cwt., c.i.f.

GUM ACACIA.—With business, spot and forward, remaining very quiet values have again weakened: Kordofan, cleaned sorts, spot, 30s.; shipment, 36s. 6d. per cwt., c.i.f.

HENbane.—Quiet market; quoted at about 70s. per cwt., ex store, for small spot parcels.

HENNA.—Business remains quiet: Egyptian brown leaves, 26s. to 27s. 6d. per cwt., c.i.f.

HONEY.—Quotations are unchanged; there is a fair interest shown in arrivals of Jamaican and some business is reported: Jamaican, dark manufacturing, 30s. up to 45s. per pale set. Californian, 50s. to 60s. per cwt., c.i.f. Canadian, 52s. 6d. per cwt., ex store.

HYDRASTIS.—A limited spot sale, with prices keeping steady: root testing, 3 per cent., 15s. 3d.; U.S.P. quality, 15s.; and untested root, about 14s. 9d. per lb.; shipment, 14s. 9d. per lb., c.i.f.

IPÉCAUANHA.—Quiet and barely steady as quoted: Matto Grosso, B.P., spot, 7s. 6d.; shipment, 6s. 6d. per lb., c.i.f.

IRISH MOSS.—Spot supplies are offering at about 45s. to 60s. per cwt. for small parcels of the best qualities.

JALAP.—Occasional inquiry, market steady: 12 per cent., 1s. 3d.; 14.7 per cent., 1s. 4d. per lb., ex store; shipment, basis 15 per cent., 1s. 3d. per lb., c.i.f.

JUNIPER BERRIES.—Some good sifted quality is offering on spot at about 25s. per cwt., ex store.

KOLA NUTS.—African halves on spot offered from 2d. to 3d. per lb., as to quality. St. Lucia halves, about 4d. per lb. for good bright quality.

LAVENDER FLOWERS.—Supplies of good blue flowers are quoted on spot at 1s. 6d. per lb., ex store.

LIQUORICE.—Dealers are quoting natural root at about 12s. 6d. per cwt. and decorticated at 35s. per cwt.

Lycopodium.—Dealers are quoting spot supplies rather cheaper at about 4s. 9d. per lb.

MANNA.—Spot supplies of selected flake, in 1-lb. tins, are available at 3s. 6d. per lb., ex store.

MENTHOL.—The market has been generally quiet this week, with values keeping about steady: Japanese, K/S brands, 12s. 3d. to 12s. 4d.; in bond, 11s., c.i.f. Japanese shippers quote May-June and June-July at 10s. 9d. per lb., c.i.f. Chinese, spot, 12s. 1d. to 12s. 3d.; shipment, 10s. 7d. per lb., c.i.f.

MERCURY.—First-hand quotations are unchanged; London stocks available; spot, £12 10s. to £12 10s. 6d. per bottle, ex store. F.o.b. Continent, 62 dollars.

OPIUM.—Average spot demand, market steady: Turkish, original cases of 170 lb., 13 per cent., 1s. 1d. Iranian, 12 per cent., 1s. 1d. per unit, landed and duty paid.

ORANGE PEEL.—Spot quotations are as follows for small parcels: bitter quarters, 9d.; bitter ribbons, 9d.; thin cut, 11d. per lb., ex store.

PEPPER.—Values are well maintained, with the market very steady: Lampung, in bond, 2½d.; shipment, May-July, 2½d.; August-October, 2¾d., c.i.f. Tellicherry, spot, 4d.; shipment, May-June 33s., c.i.f. Allepy, spot, 3¾d.; shipment, May-June, 34s., c.i.f. White Muntok, in bond, 3¾d.; shipment, August-October, 3¾d., c.i.f. London Terminal Market, Black, May, 2¾d.; July, 2½d.; October, 2¾d. White, May, 3¾d.; July, 3½d.; October, 4d. per lb.

PIMENTO.—Quoted easier on a quiet market: spot, 7d. per lb.; shipment, June-July, 6s. per cwt., c.i.f.

RHUBARB.—Rather more business reported this week, particularly in the rough round variety: spot, Shensi, best quality, 4s. 9d. to 5s. 3d.; old very slightly wormy, 3s. 9d. to 4s. 3d.; pickings, about 3s. 9d. per lb.; rough round, 2s. 4d. to 2s. 7d. per lb., as to quality; shipment, ordinary quality, 1s. 10d. per lb., c.i.f.

RUBBER.—Rather more business being transacted. Values show some recovery, with the market closing fully steady: standard ribbed smoked sheet, spot, 5½d.; May, 5½d.; June, 5½d.; July-September, 5½d.; October-December, 6d. per lb.

SAFFRON.—Dealers' prices are maintained; stocks remain very small: Valencia quoted at 80s. to 82s. 6d. per lb., ex store. No reliable shipment offers.

SEEDS.—**ANISE.**—Spot, duty paid, Spanish, 62s. 6d.; Bulgarian, 41s.; Syrian, 40s. **CANARY.**—All prices quoted are spot, duty paid: Mazagan, 17s. 9d.; Turkish, 17s.; Plate, 16s. 6d.; Spanish, 25s. to 37s. 6d. **CARAWAY.**—Dutch, 33s., spot, duty paid, and 28s., f.o.b. Holland. **CORIANDER.**—Morocco, on spot, is offered at 19s. 6d., duty paid, and 17s. 6d., in bond. New crop for June-July shipment quoted at 15s., c.i.f. **CUMIN.**—Spot, Malta, 40s., duty free; Morocco, 37s. 6d., duty paid, and 34s., in bond. **FENUGREEK.**—Morocco, on spot, is 13s., spot, duty paid, and 12s. in bond. **MUSTARD.**—English, 21s. to 30s. per cwt., according to quality.

SENEGA.—More business reported in this article, chiefly for re-export: spot, 2s. 4d.; shipment, new crop, August, 2s. 2¾d. per lb., c.i.f.

SENNA.—The market remains unchanged on quotation. Tinnevelly leaves.—Parcels of fair green quality offer on the spot as follows:—No. 1, at 5½d.; No. 2, at 3½d.; No. 3, at 2½d.; No. 4, at 2½d. per lb., ex wharf, London. Tinnevelly hand-picked pods.—Best palish quality is quoted at 6d. per lb., with darker shades offering at 3¾d. to 4d. per lb. Alexandrian hand-picked pods.—The market is still poorly supplied, and it would appear that the crop this season is below normal. Spot quotations are as follows: good bold selected, at 5s.; No. 1, at 3s. 9d.; No. 2, at 3s.; No. 3, at 2s. 3d. per lb., with old crop pods offering at 3s. per lb. down to 1s., according to quality.

The second report on the Madras Presidency 1937-38 crop, published in The Indian Trade Journal, April 21, 1938, states: The area sown with the senna crop up to March 25, 1938, in the districts of Rammam and Tinnevelly is estimated at 3,500 acres, as against 3,600 acres estimated for the corresponding period of the previous year. The condition of the crop is satisfactory, the recent rains having proved beneficial.

SHELLAC.—The market is steadier, with a little more business moving: spot, standard TN orange, 30s. to 42s.; fine orange, 57s. 6d. to 100s.; pure button, 55s. to 60s. per cwt. For delivery, TN, May, 39s.; August, 40s.; October, 41s. For arrival, TN, June-July, 36s. 6d. per cwt., c.i.f.

SLIPPERY ELM BARK.—Business of small account: grinding quality, 6¾d.; clippings, 8½d.; selected loose slabs, 1s. 2d.; 5-lb. wired bundles of selected quality are firm at 2s. 3d. per lb., ex store.

SQUILL.—Dealers are quoting some fair white at about 27s. 6d. per cwt. for small parcels.

STRAMONIUM.—Dealers are quoting spot supplies from 35s. to 40s. per cwt., according to the quality of the leaves.

TONKA BEANS.—A little business, with values steady: fair frosted Para beans, 3s. 4d. to 3s. 5d. per lb., ex store.

TRAGACANTH.—This market has been rather quiet except for a limited inquiry for medium white gums. Current prices are: finest selected white ribbon, £70; No. 1 white, £60 to £65; No. 2 white, £52 10s. to £56; No. 3 white, £37 10s. to £48; amber leaf, £22 10s.; cleaned amber sorts, £17 10s.; brown to amber leaf, £12 10s.; red leaf, £9 10s. to £10 10s.; hoggy, £7 to £8 per cwt., ex store.

TURMERIC.—Market values are fully steady, with spot supplies negligible: Madras finger, spot, 29s.; shipment, new crop, 21s. per cwt., c.i.f. Rajapore, spot, nominal, nothing offering; shipment, 21s. per cwt., c.i.f.

VALERIAN ROOT.—Dealers' quotations for spot supplies continue in the region of 30s. per cwt., as to quantity.

WAXES.—BEES.—Market is quiet at the decline recorded: Calcutta, bleached, spot, 132s. 6d.; shipment, June-July, 122s. 6d., c.i.f.; ordinary quality, spot, 107s.; shipment, May-June, 100s. per cwt., c.i.f. Benguella, in bond, 97s. 6d.; shipment, May-June, 88s., c.i.f. Conakry, spot, 97s. 6d.; shipment, June-July, 87s. 6d., c.i.f. Dar-es-Salaam, spot, 107s. 6d.; shipment, May-June, 102s. 6d., c.i.f. CARNAUBA.—Few shipment offers from Brazil; market rather firmer in consequence: fatty, grey, spot, 150s.; afloat, 145s.; shipment, June-July, 144s., c.i.f. Chalky, grey, spot, 150s.; afloat, 145s.; shipment, June-July, 144s., c.i.f. Primeira, spot, good quality, 100s.; afloat, 175s.; shipment, June-July, 172s. 6d., c.i.f. Mediana, spot, 180s.; shipment, 170s. per cwt., c.i.f.

Essential and Expressed Oils, etc.

REPORTS indicate that routine consuming trade has been a little better this week. The general tone is steadier. Sicilian hand-pressed lemon is keeping very steady for shipment. Japanese peppermint has had a quiet week.

ALMOND.—Some small spot business, quoted unchanged: English made, cwt. lots, 2s. 8d.; smaller parcels, up to 3s. per lb.; foreign, cwt. lots, 2s. 8d.; smaller parcels, up to 3s. per lb.; French bitter, 6s. to 6s. 3d. per lb.

ANISE (STAR).—Not much business; spot offers continue competitive; shipment market dull: spot, leads, about 4s. 3d.; tins, 3s. 10d.; drums, about 3s. 9d. per lb., ex store; shipment, tins, 3s. 12d.; drums, 2s. 11d. per lb., c.i.f.

AVOCADO PEAR.—Californian oil selling steadily on spot: quoted from 47s. to 54s. per gallon, as to quantity, ex store.

BERGAMOT.—The shipment market continues quietly steady, with the Consortium quotation about 14s. 9d., c.i.f. Spot prices for new crop genuine oil range from 15s. to 15s. 4d. per lb. Blended oils at cheaper prices.

BOIS DE ROSE.—Not much doing on spot: Brazilian oil at about 5s. 6d. in drums, and smaller quantities up to 6s. 3d. per lb.

CAJUPUT.—Quotations for good quality oil are steady: B.P., 2s. to 2s. 3d. per lb., as to quantity, ex store.

CAMPHOR.—Spot supplies of Chinese and Japanese white oil reported to be very limited and held firm at 109s. to 112s. per cwt. in drums. No shipment offers of Chinese and very few offers of Japanese.

CANANGA.—Business remains quiet on a keen market: spot, about 5s. 12d., with smaller parcels up to 5s. 6d. per lb.; shipment, 4s. 8d. per lb., c.i.f.

CARAWAY.—Values are maintained, limited spot business: Dutch rectified, 7s. 3d. to 7s. 6d.; crude, 6s. 9d. to 7s. per lb., landed and duty paid, as to quantity.

CASSIA.—Dealers' prices for the limited supplies of good quality oil on spot in leads are steady at 3s. 4d. and off-quality oil offering at about 3s. 1d. to 3s. 2d.; shipment, quiet: leads, 3s. 1d.; drums, 2s. 1d. per lb., c.i.f.

CEDARWOOD.—Market is fairly steady, with business quiet: African, in drums, 112d.; smaller packages, up to 1s. 3d. per lb. American, in drums, 112d.; smaller packages, up to 1s. 3d. per lb.

CINNAMON LEAF.—Ceylon oil is quoted for shipment at about 2s. 4d., c.i.f., in drums.

CITRONELLA.—The shipment markets continue dull and rather easy: Ceylon oil nominally unchanged: Ceylon, spot, drums, 1s. 5d.; 1s. 6d.; smaller parcels, up to 1s. 9d.; shipment, drums, 1s. 3d. per lb., c.i.f. Java, spot, drums, 1s. 10d. to 1s. 11d.; smaller parcels, up to 2s. 3d.; shipment, drums, about 1s. 4d. per lb., c.i.f.

CLOVE.—Madagascar oil is moving on spot in small parcels: Madagascar, spot, drums, 3s. 2d.; small parcels up to 3s. 9d. per lb.; shipment, about 2s. 4d., c.i.f. English, distilled, 4s. 7d. to 4s. 10d. per lb., as to quantity.

EUCALYPTUS.—The cheap offers on spot appear to be for oil not of the first quality. Holders of oil of good brand are maintaining their prices: Australian, 70 to 75 per cent., tins, 1s. 5d. to 1s. 6d. drums, 1s. 5d.; with inferior oils at less; 80 to 85 per cent., drums, 1s. 9d. per lb., landed; higher prices for small lots on spot. Ship-

ment, 70 to 75 per cent., tins, 1s. 2d. to 1s. 3d.; drums, 1s. 2d.; 80 to 85 per cent., 1s. 6d. per lb., c.i.f.

Australian output during the 1936-37 distilling season was 151,537 gallons, compared with 115,732 gallons in 1935-36 season.

GERANIUM.—Shipment prices for Bourbon and Algerian are nominally unchanged, with no recent offers from the source recorded. Spot prices are keeping steady, with the figures varying as to quality of the oil.

GRAPE-FRUIT.—Limited spot demand for small parcels: Californian, 10s. 6d. to 12s. Florida, 10s. 6d. to 11s. 3d. per lb., as to quantity.

HO (SHIYU).—Market has been quiet. Spot supplies of good quality oil reported to be moderate. "Improved" quality, 4s. 1d.; "extra" quality, 4s. 4d. per lb., in drums, and higher prices for smaller lots. Shipment, "extra" quality, 4s. per lb., c.i.f.

JUNIPER BERRY.—Average small spot trade; quoted according to quality and quantity from 3s. 3d. to 4s. per lb.

LAVENDER.—Only a small spot business reported, dealers' prices for 38 to 40 per cent. oil ranging from 14s. 6d. to 16s. per lb., as to quality. Lavandin is quoted rather cheaper on spot from 5s. 3d. to 6s. per lb., as to quality.

LEMON.—A fair amount of small spot business reported, with prices for good quality hand-pressed Sicilian oil from 10s. 3d. to 10s. 9d. per lb., with blends at cheaper prices. The shipment market continues quite steady, although inquiry is of small account; new crop quoted from 10s. to 10s. 4d. per lb., c.i.f. for bulk quantities. Californian distilled, regular quality, 6s. 4d. per lb., landed, in small drums.

LEMONGRASS.—Still but very little inquiry in the shipment market: quoted at about 1s. 4d. to 1s. 5d. per lb., c.i.f.; spot, sellers, from 1s. 8d. to 1s. 10d. per lb., ex store.

LIME.—Spot West Indian distilled is steady as quoted at 25s. to 26s. 6d. per lb., ex store, with a moderate demand reported.

MANDARIN.—A limited spot inquiry, quoted unchanged: finest quality oil at about 20s. to 21s., c.i.f., with other qualities from 18s. 6d. per lb., c.i.f.

NEROLI.—Based on the recent reports, the prices for new crop oil are expected to range from 6,250 francs to 7,000 francs per kilogram, as to quality and quantity.

NUTMEG.—A quiet spot business, with Dutch and American oils offering from 5s. 6d. to 5s. 9d. per lb., as to quantity, ex store.

OLIVE.—Business continues fair, with values quite steady: 1 per cent., 5s. 8d.; 2 per cent., 5s. 6d. per gallon in 45/50-gallon drums. French, edible quality, 73s. 6d. for cases of 10 one-gallon tins and 77s. 6d. for 20 half-gallon tins; 6s. per gallon in 50-gallon drums.

ORANGE.—The demand for French Guinea oil remains small, the cold weather no doubt affecting the demand. Sellers of drums, 3s. 3d., with repacked oil in tins in cases about 3s. 6d. to 3s. 7d., as to quantity. Oil, in bond, 2s. 10d. per lb. Shipment offers from the source at 2s. 8d. per lb., c.i.f., in drums, for bulk quantities. Californian, spot, one case, 4s. 6d.; two or more cases, 4s. 3d.; large drums, not quoted; small drums, 4s. 2d. per lb., landed.

PALMAROSA.—Limited business moving and market is dearer and firm. Any good oil on spot would be about 8s. 2d. to 8s. 3d. per lb. Shipment is nominal at 7s. 4d., c.i.f., with practically nothing offering.

PATCHOULI.—Market is dull and rather easy as quoted: Singapore, about 14s. 4d.; shipment, 13s. 4d. per lb., c.i.f. Seychelles, 11s. 4d.; shipment, about 10s. 7d. per lb., c.i.f.

PEPPERMINT.—Market is steady, business quiet: spot, 4s. 4d. to 4s. 5d., as to quantity and seller. Very little oil near afloat offering. Orders sent to the source at 4s., c.i.f., countered with quotations of 4s. 2d. to 4s. 3d. per lb., c.i.f. American natural oil, in drums, remains quiet, and shipment prices are reported quiet at 1 dollar 95 cents to 2 dollars 10 cents, c.i.f., as to brand, in drums.

PETITGRAIN.—As quoted the shipment market is now fully steady: spot, cases, 4s.; shipment, 3s. 4d. per lb., c.i.f.

RAISIN SEED.—Spot supplies of Californian are quoted from 2s. 4d. to 2s. 6d. per lb., ex store, according to quality.

ROSEMARY.—Dealers continue to quote spot supplies of Spanish oil from about 3s. up to 3s. 7d. per lb., as to quality and quantity. No definite shipment offers from the source. New crop oil, produced in Morocco, offering at about 3s. 2d. per lb., c.i.f.

SANDALWOOD.—Genuine East Indian Mysore, in one-case lots, continuous steady at 20s. 6d. per lb. Genuine East Indian, produced outside the province of Mysore, 18s. 3d. to 18s. 6d. per lb., c.i.f., in bulk quantities. English-made West Indian, 7s. 3d. per lb. Australian, steady at 15s. 3d. per lb., for 7-lb. tins; one case at 14s. 9d. and five cases at 14s. 6d. per lb.

SASSAFRAS.—Market has been quiet: quoted at 3s. 6d. up to 3s. 10d. per lb. for the finest genuine American oil. Other oils at cheaper prices.

SPEARMINT.—Not much business moving: U.S.P. oil, spot, 8s. 3d.; shipment, 7s. 6d. per lb., c.i.f. Other quality oils at cheaper prices.

SPIKE.—Dealers' prices for genuine Spanish oil are keeping steady, with the demand quiet: Spanish oils from 5s. 6d. to 6s. per lb. Blended oils at cheaper prices.

WORMSEED.—U.S.P. oil, spot, 11s. to 11s. 3d.; shipment, about 10s. 7d. per lb., c.i.f.

Correspondence

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Ether at the Bedside

SIR.—It surprises me that your redoubtable "Xrayser" (*C. & D.*, April 30, p. 494) is puzzled by the reference to ether in Browning's poem. I think that there is little doubt that it was left within the patient's reach as a stimulant and restorative, in the same way as we would leave a bottle of smelling salts handy. On the Continent it is freely sold and used for this purpose at the present day; indeed, the bottle of ether is as commonly found in a French household as smelling salts in an English one. May I point out that Squire states:—"It is a rapid and powerful diffusible stimulant, of great use in syncope or heart failure from any cause."

Yours faithfully,

W. FLEMING.

Filey.

SIR.—I think that "Xrayser" has not caught Browning napping in his "Confessions" (*C. & D.*, April 30), inasmuch as ether was quite frequently used *per se* for many years previously to the time of Browning and down to the present day, only now less frequently. Your contributor says implicitly that it was unlikely that the drug would be found in a family medicine chest. I have in front of me a copy of the 24th edition (1840) of Cox's "Companion to the Family Medicine Chest" and the first drug mentioned is "Æther," under which are given most ample directions for its use. The bottle of "ether" seen by Browning's dreaming subject was that containing the article which had been used as an application to relieve his fevered brain. At that time it was greatly valued as a refrigerant for the relief of headaches, etc. The sale of an etherised eau de Cologne for that purpose seems to have become obsolete. "Xrayser" will find an abundance of information as to the therapeutic uses of ether in the early part of the last century in such works as the "Pharmacologia" of Paris and Pereira's "Materia Medica." These testify to the exactness of Browning's knowledge.

Yours faithfully,

WILLIAM KIRKBY.

Moseley, Birmingham.

Pharmaceutical Council Election

SIR.—We wish to commend the candidature of Mr. J. H. Franklin in the Council election. He has been nominated for re-election to the Council with the full approval and support of all the pharmaceutical organisations in Manchester and Salford. Mr. Franklin has, for many years, been an outstanding figure in pharmaceutical circles in Manchester, and has worked unremittingly for the good of the craft. He has zeal, energy and enthusiasm, which, combined with his great and varied experience, should make his continued service on the Council of great benefit to the craft. May we therefore appeal to members for support of his candidature and to record one vote in his favour in the coming election.

Yours faithfully,

J. W. WOOD,

President, Manchester Pharmaceutical Association.

HARRY BRINDLE,

Vice-Chairman, Manchester, Salford and District Branch of the Pharmaceutical Society.

G. V. FYLEN,

Chairman, Manchester, Salford and District Branch, N.P.U.

H. BURLINSON,

Chairman, Junior Branch of the Association.

R. THOMPSON,

Chairman, Manchester Branch, Guild of Public Pharmacists.

SIR.—We earnestly ask that members of the Pharmaceutical Society will show their continued confidence in Mr. A. R. Melhuish by giving him their vote at the forthcoming Council election. Mr. Melhuish's record of service in the interests of pharmacy over a period of many years is sufficiently well known to require no special emphasis. His wide experience of pharmaceutical politics and his administrative and negotiating ability make it essential in the interests of phar-

macy that he should be returned to the Council chamber. On behalf of the members of the West London Branch of the Pharmaceutical Society.—Yours faithfully,

GWILYM THOMAS, Chairman,

CLIFFORD EVANS, Secretary,

Western Pharmacists' Association.

SIR.—A response to our letter in *THE CHEMIST AND DRUGGIST* of April 9 (p. 437) was received from each of the twelve candidates for the Council, and these were read and considered at a general meeting of members. It was decided to recommend all members of the Society to vote for the following seven candidates, from each of whom a satisfactory reply was received to all the points in the declaration of policy:—Messrs. Melhuish, Wells, Clarke, Young, Franklin, Wilson and Hodgson.—Yours faithfully,

DAVID G. HAWKINS,

Secretary, Plymouth and District Branch, Pharmaceutical Society.

SIR.—Many pharmacists have no personal knowledge of any of the Council candidates. The only chance of forming an opinion of their suitability for office is through reading election addresses. While one would not question that the statements of policy are written in all sincerity, it must not be overlooked that they are presented primarily for the purpose of securing votes. But what of the man behind the policy—has he a firm character, and is he capable of giving effect to his promises, or of adhering to his views in spite of persuasion or opposition? These sort of things are of more future value to the electors than any vague promises about pharmacy for the pharmacist. How often have we seen in the past candidates putting forward advanced views before their election to the Council, and then becoming silent and unheard of after their arrival in the Council chamber. These are among the reasons why some members do not vote at all.

Yours faithfully,

UNDECIDED (7/5).

SIR.—Your argument (*C. & D.*, April 23, p. 477) that in view of the largely increased income of the Pharmaceutical Society and because of the commitments for the future, members of Council should be selected from pharmacists who have financial ability and experience is a sound one. Retail pharmacy, however, to deal with the side of the business most of us are interested in, does not lend itself to transactions with large sums of money. It would seem, therefore, that if we are to support candidates with experience of finance, we can only look to those members who have been engaged on the larger branches of the trade. To choose, therefore, a candidate with the required ability and yet competent in these matters would become a task of some delicacy if we are to adhere to the standards expected by the questions which are put to those standing for election with regard to their attitude and engagements in the pharmaceutical world. In the first instalment of the statement of views on pharmaceutical politics by the prospective members of Council (p. 472), those put forward by Mr. Franklin seem to cover all the points which have been so much under discussion at the present time. His statement has the merit of giving the definite points which he stands for instead of vague promises to bring about a pharmaceutical heaven.—Yours faithfully,

S. A. R. (23/4).

Pharmacies as Casualty Clearing Stations

SIR.—When considering that in the event of war pharmacies might become casualty clearing stations (*C. & D.*, May 7, p. 525), one must not forget that wounds caused by high explosive bombs are of a far more serious nature than the injuries which the man in the street expects the pharmacist to treat. To deal with a cut finger or to remove a piece of grit from the eye are comparatively common occurrences in the pharmacy, but it would be an entirely different matter to bring a man with a nearly severed limb or a shattered face into a chemist's shop. Such cases require immediate medical aid and removal to hospital, and if there were any official instructions regarding the use of pharmacies such

use would have to be restricted to those casualties which could reasonably be dealt with. There would have to be payment for the dressings or anything else which might be supplied, and one way in which this could be done would be to adopt the method in force for the treatment of motor accidents—a charge of 12s. 6d. is made for the first attendance. In the case of injury through hostilities the cost of first aid or medical assistance would fall probably on the Government. I have not touched on the possibility of gas casualties being brought into the pharmacy, because, in common with many others with whom I have discussed the subject, I do not consider there is much risk of any extensive gas attacks from the air in this country.—Yours faithfully,

WARDEN (7/8).

Points from Letters

Appreciations

I have read the *C. & D.* as apprentice, assistant and proprietor, since March, 1894, and I intend to keep on reading it from cover to cover.—J. B. D. (South Africa).

I have always been a very satisfied subscriber and, thanks to THE CHEMIST AND DRUGGIST, have enlarged my knowledge about things I wished to know considerably. I therefore express my gratitude by assuring you that I shall always recommend the *C. & D.* to my friends and acquaintances.—H. L. (East Indies) (23/4).

Chemists' Opportunities in A.R.P.

Your assistance in giving the details of the various manufacturers' equipment to help in A.R.P. is very much to be praised, but how can the pharmacist give advice on their uses when he does not even interest himself as much as many of the general public who have taken courses in both subjects. The pharmacist should be in a position to instruct and advise the public. There are facilities for him to take the necessary courses and examinations without waiting for the Society to move. When will pharmacy move on matters pharmaceutical or its allied interests instead of waiting and grumbling?—R. F. T. (30/4.)

Local Authorities' Resolutions

The Liverpool and Merseyside Safety First Council have passed a resolution urging legislation to prevent doctors leaving dangerous drugs in motor cars in such a way that they could be stolen (*C. & D.*, April 30, p. 492). This is a regulation which has long been needed. While chemists are bound by the rules to keep dangerous drugs in a locked cupboard with the key in possession of the pharmacist, although they are stored in the pharmacy in such a way that they could only be stolen by someone who had effected an illegal entry, there is no restriction on the way in which medical men can leave these drugs unattended in the street. A few weeks ago the Glasgow Corporation passed a resolution regarding the sale of drugs by unqualified persons in shops other than those of registered chemists, and we may yet see the time when some of these desirable enactments are brought about by pressure from local bodies, even if the Pharmaceutical Society are unable to persuade the Government to take action.—*Guardian* (31/4).

Is Pharmacy Worth While?

It would seem from the report of the debate at the Leeds Branch (*C. & D.*, April 30, p. 490) that it was very keenly contested. To form a basis of argument one would have to settle first what constituted the conditions which make a business or a profession worth while, and there are four factors which might decide this: (1) the respective easiness or difficulty of the work itself, (2) the responsibility involved, (3) the remuneration it provides, and (4) the proportion of working time to the leisure hours. It is by comparing these factors with those prevailing in other callings which require an equal amount of education and training to enter, that the worthwhileness of pharmacy should be estimated, and judging by the arguments advanced during the debate it would seem that the result of the voting might well have been reversed. The claim that pharmacy is a closed profession applies to only two portions of the total business, the N.H.I. dispensing and the sale of certain poisons, First and Fourth schedules and D.D.A.; these are hedged round with restrictions, and all chemists know how long they would be able to carry on if they were dependent on these alone for their livelihood.—*Debater* (30/4).

Miscellaneous Inquiries

We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

A. E. B. (6/36).—DESTRUCTION OF FLEA BEETLES.—The control of flea beetles requires the cleaning of rubbish from dykes and hedge bottoms that harbour the pests in winter and killing charlock by spraying or hand-pulling. Flea-beetle traps consisting of sticky sloping boards on small wheels can be pushed along the rows of turnips, etc. Sodium fluosilicate appears to provide a flea-beetle insecticide that is effective.

B. B. (6/51).—DETAILS OF N.H.I.—THE CHEMIST AND DRUGGIST DIARY AND YEAR Book will provide the information you require. Each year the subject is dealt with in the Diary, and a synopsis of the National Health Insurance Acts giving information regarding contributions and administration of medical benefit, with particular reference to pharmaceutical services, which appeared in the 1931 edition, will be of additional assistance to you for your present purpose.

J. H. (6/8).—CREME DE NICE.—The formula for Creme de Nice is as follows:—

Tragacanth, in powder	560 gr.
Alcohol (90 per cent.)	5 fl. oz.
Glycerin	8 fl. oz.
Almond oil	2 fl. oz.
Oil of bergamot	80 min.
Oil of geranium	80 min.
Oil of orange-flower	30 min.
Tincture of benzoin	1 fl. oz.
Distilled water	48 fl. oz.

C. G. (29/40).—WHOLESALE SALE OF POISONS.—A wholesale dealer should not supply any First Schedule (or any other) poison to an "unregistered veterinary surgeon" as the Section 19 exemption does not apply to such a person (who is in effect a member of the public). The exemption under Section 20 (5) (a) (ii) permitting supply of poisons to the first-aid department of a factory only extends to such poisons as are required in pursuance of any enactment with respect to medical treatment (e.g. Factory Eye Drops), but does not cover such preparations as Lin. A.B.C. for use in the ambulance room. A First Schedule poison such as mercury biniiodide tablets for preparing antiseptic solution may be supplied to a chiropodist on a signed order provided the wholesaler is satisfied that such poison is used in foot treatment. Poisons (including First Schedule poisons) may be supplied to a nursing home owned by an unqualified proprietor on a signed order from the owner bearing a reference to the purpose (medical treatment) for which the poison is required.

Retrospect of Fifty Years Ago

Reprinted from
"The Chemist and Druggist," May 12, 1883

International Exhibition, Glasgow

This exhibition was opened on Tuesday by the Prince and Princess of Wales. The weather was charming, a light breeze keeping the atmosphere even of Kelvingrove Park clear, while the bright sunshine showed off to the fullest advantage all the pomp and circumstance attendant on the presence of royalty. So far as space is concerned, the Glasgow Exhibition is the largest that has been held in the United Kingdom since the London International Exhibition of 1862. The ground occupied by the principal building and its auxiliaries is almost ten acres. The generally finished state of the exhibition reflected credit alike on the exhibitors and the management. Generally the exhibition promises to be a great success. The machinery section is very attractive. The picture galleries contain a very unusual collection of high-class paintings. Several systems of improved lighting by gas and oil are at work in different parts of the grounds and buildings, and some useful information may be picked up in regard to an effective and economical illuminant. To those who understand them the systems of electric lighting will afford matter of much interest. We confess, however, to some disappointment in regard to the pharmaceutical display. We could only discover three pharmaceutical firms who are exhibitors, viz., Messrs. Frazer & Green and the Glasgow Apothecaries' Company, Glasgow; and Messrs. John Mackay & Co., Edinburgh. . . . If weak in pharmaceuticals, the exhibition is strong in chemicals.

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Prepared from selected tree-ripened fruit by a process
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P1	FRUIT COCKTAIL 5/9	P5	ORANGE 4/6
P2	GRAPEFRUIT 5/-	P6	PINEAPPLE 5/9
P3	LEMON 4/6		(Hawaiian, fine cells)	
P4	LIME 5/9	P7	TANGERINE 5/9

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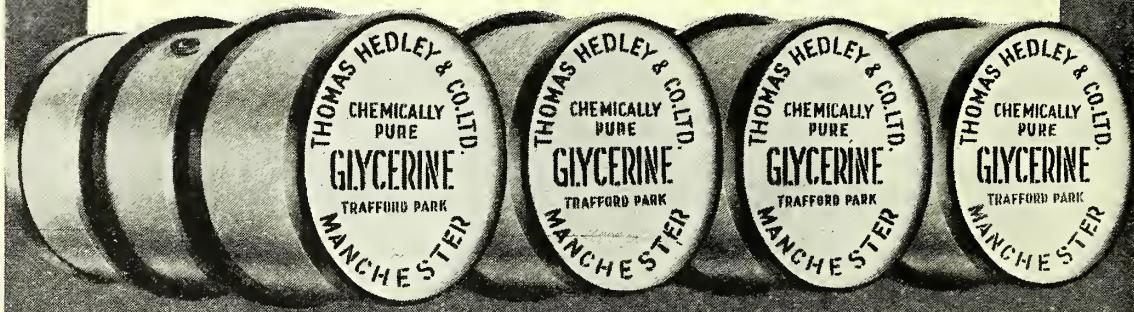
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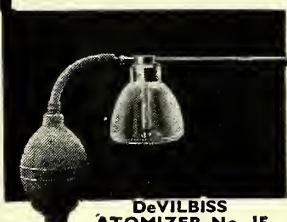
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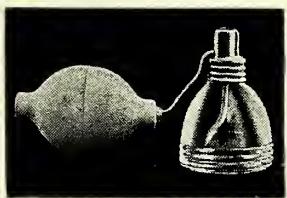
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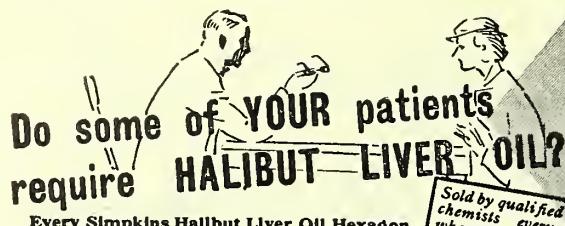
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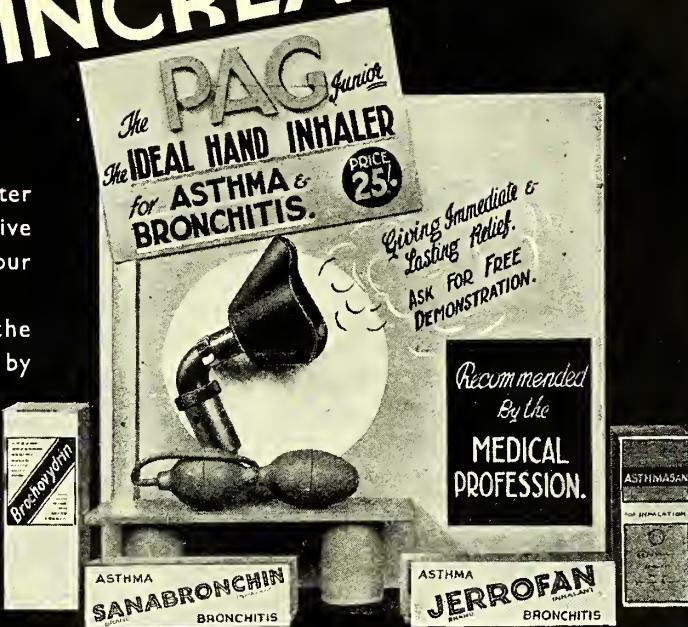
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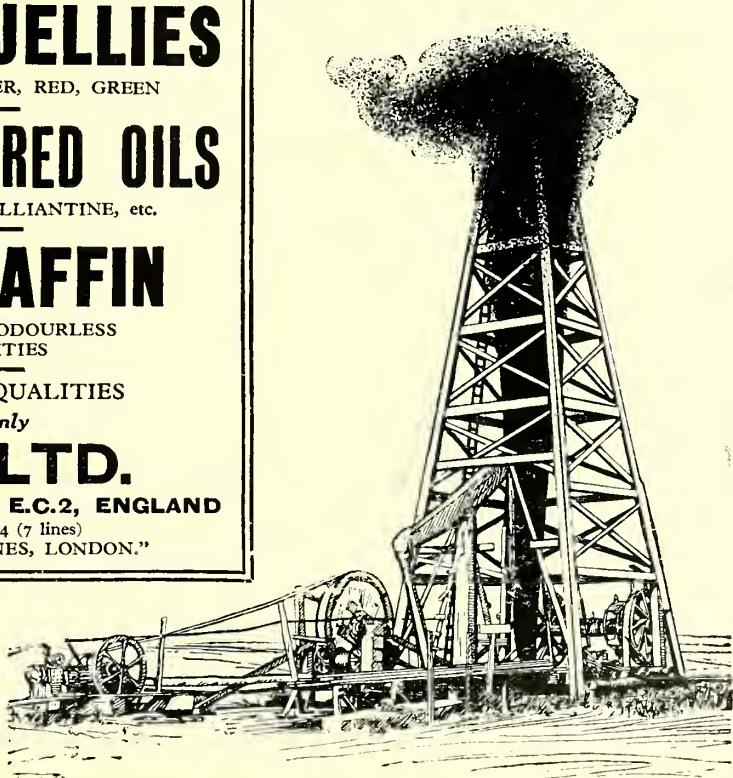
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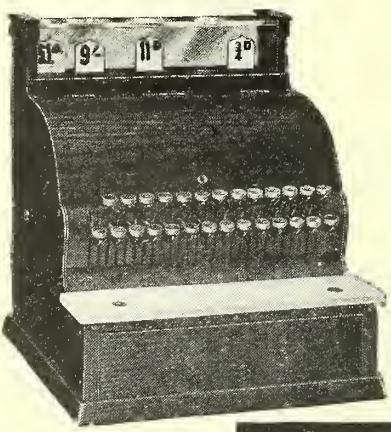
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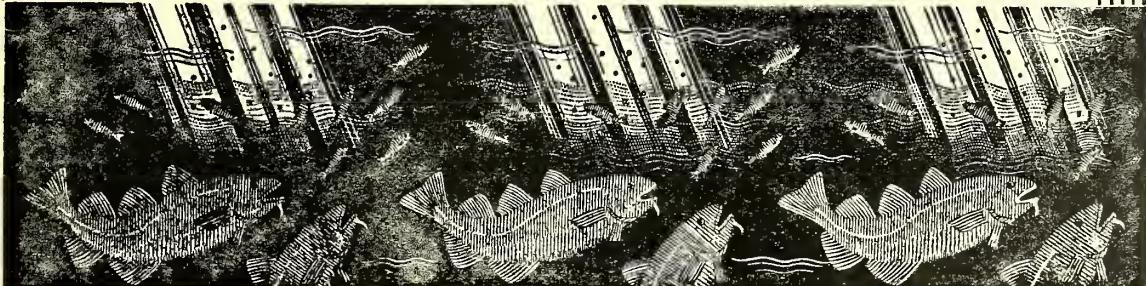
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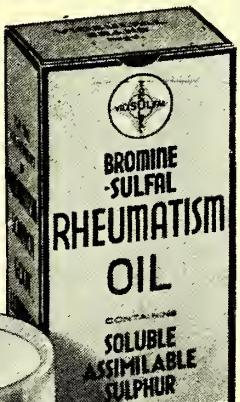
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Iodine
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Taken internally.
Purifies the blood
and attacks the
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Oil and Nerve
Salve

Relieve local pain
by permeating the
tissues — the Oil
for the muscles
and joints, the
Nerve Salve for
the nerve sheaths.



Viosulfal Ltd. announce a range of preparations made by a process by which ordinary elemental sulphur, bound with iodine, is converted into a digestible, assimilable sulphur. Viosulfal preparations contain protein-Sulphur, a known blood purifier, eliminating the excess uric

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Specialist
Printers for Chemists

We can solve your Printing Problems quickly and cheaply. For every "own name" line you pack and display we have a stock label that will increase its attractiveness and its sales. A century of experience in Chemists' Printing is at your disposal. Send us particulars of your requirements—we shall be pleased to forward specimens.

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CLINICAL REGD.
The position of the Mercury column is at once perfectly plain. Red markings above 99.4.

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PERKEN, SON & CO. LTD.
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PARTICULARS OF

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ELASTIC HOSIERY
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For special garments to measure we maintain a 24 hour service.

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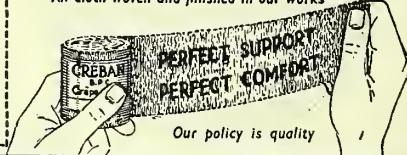
CREPE BANDAGES
ABDOMINAL BINDERS

BACKING for ADHESIVE PLASTERS

All cloth woven and finished in our works

Retail Prices	
2 ins. wide	8d.
2½ ins.	10d.
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3½ ins.	1/1½
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Showing over 50% to the retailer
Obtainable from your usual Wholesaler.



Our policy is quality

CREBAN MANUFACTURING CO., WEST GATE MILL, MORECAMBE

SOUTHALLS "CELTEX" SOLUBLE San towels



IN CARTONS

6 for 6d. and 12 for 1/-
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also MAKERS OF "ORIGINAL" & "K" SAN TOWELS

**We are helping you
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PRESTOBAND

REGD. TRADE MARK

the new self-adhesive bandage that sticks to itself, but not to the skin or hair

by means of extensive advertising in the leading National Daily Newspapers and Periodicals.

you can help us by

RETAIL PRICES

1" x 4 yards	- - -	Each 3d.
2" x 4 yards	- - -	" 6d.
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Showing a generous margin of profit
to the retailer

showing and demonstrating Prestoband whenever you are asked for a bandage. Prestoband is so neat, so simple and so efficient that once it is seen in action, it is certain to be bought. Give your assistants a slogan: 'Push Prestoband for Profit'—and for your customers: 'Press to—and Presto!—it's fixed.'

Supplied by the Manufacturers, VERNON & CO., LTD., PRESTON, through WHOLESALE TRADE CHANNELS ONLY

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(REGISTERED No. 254807)

AND SURGICAL APPLIANCES
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Write for Illustrated Price List to the Sole Proprietors:

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ETON RD., WOOLWICH, LONDON, S.E.18 Phone: Woolwich 0607

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FOR BRISK BUSINESS
Obtainable from your usual wholesaler.

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For
**PARTICULAR
PEOPLE**

For use with
Sanitary
Towels as a
DEODORANT
and to pre-
vent chafing.
It neutralises
body odours
at once.

ORDER FROM YOUR WHOLESALE HOUSE

NEW and BETTER DISPLAY Terms

Larger Profit
on Smaller
Investment

Press & Radio
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These new display terms make it more than ever worth your while to display Alka-Seltzer, proved by test to be the quickest, most effective remedy for Indigestion, Headaches, Neuralgia, Rheumatic and Nerve Pains, etc. Note that buying on these terms shows you a *larger profit* on a *smaller investment*.

For one week's Window or Counter Display

- ★ 5% discount on minimum orders of £1.7.0
(1 doz. small and 1 doz. large or other assortment)
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(2 doz. small and 2 doz. large or other assortment)
- ★ The above discounts are allowed on trade prices

The papers carrying Alka-Seltzer advertising regularly include all the principal National Daily, Sunday and Weekly papers and most of the leading provincial Dailies and Weeklies.

In addition, regular weekly broadcasts from both Radio Normandy and Radio Luxembourg widen still further the national appeal of this splendid seller.

If you are not yet participating in the growing sales of Alka-Seltzer, now is the time to :

Order To-day—and make a Display!

Alka-Seltzer[®]

BRAND

Effervescent Alkalising and Analgesic Tablets



Sole Distributors : DON S. MOMAND LTD., 10-15 Chitty Street, London, W.1



The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

MAY 14,
1938.

ADVERTISEMENT TARIFF

ALL ADVERTISEMENTS are PREPAID, so that remittance must accompany instructions in each case. If it be necessary to telephone or telegraph an urgent announcement this may be done, provided the money is telegraphed at the same time.

BUSINESSES WANTED and for **DISPOSAL, PREMISES TO LET** and **FOR SALE, PREMISES WANTED, PARTNERSHIPS, GOODS FOR SALE** and **AGENCIES**—**6/-** for 50 words; every additional **10 words or less, 6d.** (Box No., **1/- extra**.)

SITUATIONS OPEN—**6/-** for 40 words; every additional **10 words or less, 6d.** (Box No., **1/- extra**.)

SITUATIONS WANTED—**2/-** for 18 words; every additional **10 words or less, 6d.** (Box No., **1/- extra**.)

LEGAL NOTICES, TENDERS, AUCTIONS, and all specially-spaced announcements, **1/3 per nonpareil line (12 lines = 1 inch single column)**. (Box No., **1/- extra**.)

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EXCHANGE COLUMN (for Retailers, etc.)—**Twopence** per word, minimum **2/-**. (Box No., **1/- extra**.)

REPLIES FROM ADVERTISERS—**1/- per line; 3 lines 2/6.**

THE CHEMIST & DRUGGIST, 28 Essex St., Strand, London, W.C.2

Telephone: Central 6565 (10 lines). Telegrams: "Chemicus, Estrand, London."

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All advertisements intended for insertion in this Supplement

ORRIDGE & CO.

56 LUDGATE HILL, E.C.4

ESTABLISHED 1846

Telephone Nos.: CITY 2283 & 7477

May be CONSULTED at their Offices on MATTERS OF SALE, PURCHASE & VALUATION

We make no charge to purchasers, and invite intending buyers to communicate with us, stating their requirements

1.—BARNET.—High-class Retail and Dispensing Business to be sold forthwith as vendor is leaving trade; takings last year £2,260; net profit £456; good clean stock and attractive fixtures; very nice living accommodation; rent only £120 per annum; price required about £1,450, or near offer.

2.—SILVERTOWN (RETIREMENT VACANCY).—Cash Drug Store offering scope for Qualified; net profit nearly £6 per week; inclusive purchase price £550; Vendor retiring.

3.—EALING (NEAR).—General Retail Business with rapidly increasing turnover, this year will be at least £3,300; handsomely-fitted Pharmacy situate in excellent position; Neon lighting; reasonable rental; offers invited; stock and fixtures worth about £1,550; recent takings over £80 per week.

4.—EARLS COURT (NEAR).—High-class Dispensing Business; takings £40-£50 per week under management; profit rental; long lease; heavy stock; inclusive purchase price required about £2,000 or valuation terms entertained; stock and fixtures worth £1,200.

5.—STROUD GREEN (DEATH VACANCY).—Much-neglected General Retail Business; takings about £16 per week, have been £40 per week; good profits; stocks and fixtures worth about £375; living accommodation; low rental; inclusive price £450.

6.—STREATHAM.—Main Road High-class Retail Business; takings £60 per week; rent £250 per annum; valuable stock and fixtures; splendid site; inclusive purchase price required £1,250 or near offer.

7.—ILFORD (NEAR).—Middle and Working-class Cash Retail Business; takings last year £2,460; big Panel; splendid living accommodation; new lease; rent £120 per annum; inclusive purchase price asked £900, or valuation terms entertained.

8.—FOREST HILL (DEATH VACANCY).—Cash Retail Business for immediate disposal; turnover over £1,300 per annum; scope; leasehold premises also for sale; ground rent £10 per annum; lease 36 years unexpired; stock and fixtures worth about £375; inclusive purchase price of business and property £950, or offer; a lease might be granted.

9.—EDGWARE.—General Retail Business; turnover approximately £2,000 per annum; scope; stock and fixtures worth about £575; lock-up shop; rent £150; inclusive purchase price asked £950.

10.—LONDON, E.C. (NEAR LAW COURTS).—City Business for sale; takings last year £2,125; net profit £320; attractive shop; long lease; reasonable rental; inclusive purchase price required £750, or valuation terms entertained.

11.—BIRMINGHAM.—Good Middle-class Trade; takings last year £1,000; net profit £332; audited accounts; inclusive purchase price approximately £700; valuation terms entertained. This year shows an increase.

12.—LAMBETH (RETIREMENT VACANCY).—Cash Drug Store offering scope; net profit 50/- per week; living accommodation; inclusive purchase price required £150.

13.—SUFFOLK COAST.—General Retail Business with Confectionery; turnover over £3,000; gross profit about 33 per cent.; good clean saleable stock worth about £575; nice living accommodation; fixtures and fittings worth about £250; long lease; small sum required for goodwill, plus the stock and fixtures at valuation; full particulars upon application.

14.—HARROW (DEATH VACANCY).—Mrs. Breingan is desirous of disposing of her late husband's business forthwith; turnover average over £40 per week under management; Arden Agency; stock and fixtures worth about £1,000; no reasonable offer refused; two flats over.

15.—WEALDSTONE.—Middle-class Business for sale owing to ill-health; increasing turnover, present rate £30 per week; inclusive purchase price required £500.

16.—BRISTOL.—Middle-class General Retail Business; splendid site; takings approaching £2,000 per annum; multiple position; inclusive purchase price asked about £1,200; very valuable lease; rent only £110 per annum.

17.—HORNCHURCH (NEAR).—General Cash Retail Business with Optical connexion; turnover about £2,300 per annum; net profit £500 per annum; lock-up shop; long lease at reasonable rental; inclusive purchase price £1,400-£1,500, of which sum £500 is in respect of the lease and goodwill.

18.—BEXLEY HEATH.—Family Retail and Dispensing Business; Pharmacy takings last year £1,216; net profit 31 per cent.; stock £330; fixtures £209; nice living accommodation; inclusive purchase price required £550; Optical connexion can be taken over if desired.

19.—WESTCLIFF-ON-SEA.—Middle-class Business for immediate disposal; takings £1,775; gross profit £640; stock £600; living accommodation; inclusive purchase price £900.

20.—CENTRAL, LONDON.—High-class Retail and Dispensing Business taking approximately £3,000 per annum; rent £250; sublet £175; long lease; minimum inclusive purchase price £2,500.

21.—READING.—Owing to the decease of Mr. Herbert Dyson, his Good-class General Retail Business is for immediate disposal; turnover about £2,700 per annum; full particulars upon application; Sole Agents.

22.—FOREST GATE (NEAR).—Middle- and Working-class General Retail Business; takings last year under management £1,000; comfortable living accommodation; rent only £60 per annum; long lease; new shop front; inclusive purchase price about £275; part payment terms entertained; £150 down.

Chemists' Transfers, Valuations for Sale, Stocktaking & Probate, Sales by Auction

Special Terms for Income Tax Valuations and Preparation of Accounts by Qualified Accountants

ERNEST J. GEORGE & CO.

Lancashire and District Representative : Mr. E. BROWN, 21 Davenport Road, Hazel Grove, Stockport.

**Bank Chambers, 329 High Holborn, London,
Telephone Nos.: Holborn 7406 & 7407 (2 lines) W.C.1
County Bldgs., Bridge St., Walsall Telephone: Great Moor 2405**

(C1) KENT (SMALL TOWN).—Modern Pharmacy occupying main road position; good living accommodation; rapidly increasing turnover, which for 1937-38 amounted to £1,750; net profit £450-£500; excellent scope; no near opposition; stock and fixtures estimated at £900; price all-at £1,000; property also could be purchased, if desired, or lease will be granted at a rental of £91 per annum, plus rates about £17.

(C2) LIVERPOOL.—Old-established, high-class family business, with no near opposition; turnover for 1937 financial year, £1,646; gross profit £60; rent £60; lease 21 years; freehold can be purchased if desired for £1,000; price £800, including stock £400 and fixtures £300.

(C3) EALING.—Lock-up Pharmacy with excellent scope; no near opposition; growing district; present returns approximately £900 per annum; was previously doing £1,500; stock and fixtures estimated at £500; price all-at £650.

(C4) BERKSHIRE.—Present returns approximately £2,000 per annum under management; good scope with personal attention; rent £100, including small house with garden and garage; lease 21 years; stock estimated at £700; fixtures £250; price £1,250 all-at; owner will, if necessary, accept £800 down and the balance by arrangement.

(C5) NEW ELTHAM (NEAR).—Middle-class, with up-to-date house, including three bedrooms; turnover for 1936-37, £2,333; gross profit £865; net £556; rent £120; lease 21 years; growing district; price £1,250, or nearest offer.

(C6) SOMERSET.—Village business with excellent scope; situated amid beautiful country surroundings; present net profit approximately £300 per annum; living accommodation; reasonable purchase price.

(C7) LEIGHTON BUZZARD (NEAR).—Drug store, entirely unopposed, with excellent scope for increase under qualified proprietorship; returns for 1936-37, £923; net profit, £74; it is estimated that the turnover for 1937-38 will reach £1,000; lock-up shop; no Sunday or half-day duty; price all-at £400, or £250, s.a.v.

(C8) YORKSHIRE (INDUSTRIAL TOWN).—Lock-up Pharmacy, with increasing turnover; certified returns for 1937, £1,863; rent £30; rates £17; all cash trade, mainly of the working-class type; stock and fixtures estimated at £450; price all-at £650.

(C9) EAST FINCHLEY (NEAR).—Established main road business with living accommodation, at present sub-let; turnover for year ended December, 1937, £2,572; gross profit £962; stock estimated at £1,000, all of which is good; fixtures about £280; price all-at, for quick sale £1,530, or near offer, including only £250 for goodwill.

(C10) BARNET.—Middle-class business, situated in populous district; turnover for 1936-37, £1,343; good living accommodation, with four bedrooms, bathroom, etc.; rent £70; rates £29; price £750 all-at.

Valuations for transfer, probate, income tax, etc., promptly executed at economical rates.

THE ASSOCIATION OF MANUFACTURING CHEMISTS, LIMITED

(Business Agency, Transfer & Valuation Department)

KIMBERLEY HOUSE, and at EXCHANGE CHAMBERS,
Holborn Viaduct, LONDON, E.C.1 2 Bixteth St., LIVERPOOL.

PARKIN S. BOOTH, Valuer. Tels.: CITY 3691 (4 lines).

VALUATIONS. SALES OF BUSINESSES. STOCKTAKINGS.

Enquiries Invited.

BUSINESSES FOR DISPOSAL

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

BOURNEMOUTH.—Main road position (see article, page 391, "Hairdressers' Journal," January 29); exceptional opportunity for Qualified Chemist. At present Tobacconist and Hairdressers; suggest substituting Chemists for tobacco; no opposition; profits from Hairdressing more than cover rent of premises, which have two flats above. To those with small capital accommodation if required, interested and wanting proof, write or call (Sunday no objection), Owner, 12 Carbery Row, Southbourne Road, Bournemouth. Alight Irving Road bus stop. Telephone: Southbourne 1231.

CLAPHAM (Near).—Attractive well-fitted Pharmacy, with scope; turnover upwards of £1,500; gross profit about 35 per cent.; living accommodation, which has recently been redecorated; price £850, including stock, £450-£500, and fixtures about £200; reasonable offer considered. 326/846, Office of this Paper.

DERBYSHIRE.—Old-established business, spacious and double-fronted, with good internal fixtures; some living accommodation; owner selling on account of death, and other interests; good scope for Qualified Proprietor; Wine Licence, Kodak and Selo agencies; price to be arranged, approximately £850. Full details on application to C. Cox, 17 High Street, Buxton, Derbyshire.

BLACKPOOL.—Good family business established by the Vendor seven years ago for sale. Gross cash receipts £2,037. Rental £154 per annum. Double-fronted shop. Great scope as the district is increasing. Price £500 for fixtures and goodwill. Stock at valuation.

THE ANNIS MEDICAL AGENCY LTD.

51 SOUTH KING STREET, MANCHESTER, 2

Harold Annis, M.P.S.

General Manager

Telephone:

Blackfriars 4451/2

EAST COAST RESORT.—Good-class Drug Store, with all-year-round trade; Selo Agency; extensive D. and P.; corner position on main London Road; splendid opportunity for Qualified man; no near opposition; living accommodation; low rental; good lease; price £500; s.a.v.; no agents. 172/7, Office of this Paper.

ELSTREE.—Opportunity for enterprising Chemist to acquire established Business at very reasonable figure; present returns £35-£40 weekly, with scope for considerable increase; living accommodation if required; turnover for last complete financial year exceeded £2,700. Full particulars upon application to 326/847, Office of this Paper.

LONDON, S.E.—Drug Store for sale; returns £15 per week; stock £100; rent and rates £100 per annum; long lease; living accommodation; working-class district; suit Qualified or Unqualified; owner leaving trade; for quick sale, will take £120 (all at). 174/20, Office of this Paper.

MANCHESTER.—Good-class Retail Business for immediate disposal; turnover last year £1,750 under manager; good opening for Optics; full particulars upon application; genuine buyers only. 174/8, Office of this Paper.

NEAR POTTERIES.—Recently established business for sale for health reasons; average returns for past eight months, £18 6s. per week; N.H.I. 200 per month, both increasing; rent £65 per year; rates £19 per annum; three years' lease with option; living accommodation; situated in residential neighbourhood; three doctors opposite; little opposition; fixtures and fittings £200, plus stock at valuation approximately £325; excellent scope. 174/5, Office of this Paper.

PLYMOUTH (SUBURBAN).—Established Drug Store, with Ladies' Hairdressing (optional), Kodak Agency; modern double-fronted shop (on bus route); well fitted and stocked; good living accommodation, pleasant garden, greenhouse, garage; opportunity for Qualified Chemist; good N.H.I. possible. R. L. Lowther, 3 Sussex Terrace, Plymouth.

SOUTH-EAST COAST.—Suitable for invalid or semi-retired; good-class Business, well fitted and healthily stocked; low overheads; easily worked; good maisonette over; side and rear entrance, with garage; returns over £1,500; valuation terms. No agents please. Further particulars apply 326/848, Office of this Paper.

SOUTHPORT Accountants have for disposal Central Chemist and Optician business; rent £225; stock, fittings and goodwill £650 or near offer; excellent opportunity; has taken £2,700 in a year. Apply E. B. Griffiths & Co., 152/154 Lord Street, Southport.

WHITEHAVEN (CUMBERLAND).—Family business in the main street; established 1851; well-fitted shop; single-fronted, with small flat above; separate entrance; fittings and stock estimated £650; returns £1,450; sell or let; price £800 (subject to amendment). Apply Bleasdale, Ltd., York.

AN old-established, light retail and Dispensing business for disposal through ill health; main road, London, S.W.; net profit last year, including sublet, £418; an excellent opportunity with much scope for energetic and up-to-date man; price £500, or near offer; rent and rates covered by sublet. Apply, 173/24, Office of this Paper.

CHEMIST Business in Norfolk village (coast); no opposition; good-class trade, fresh stock; Kodak and Ucal agencies; house of five apartments; rental £50 inclusive; price all at £450. 173/4, Office of this Paper.

DRUG STORES in populous district; good opening for Qualified man; no opposition; D. and P.; nicely stocked; present owner inexperienced and has other interests; nearest £50 secures for quick sale. 125 Fairfield Road, Droylsden, Manchester.

LIIGHT Retail, lock-up shop with garage; established 15 years; takings, 3 years' average, £1,157; has done over £2,000; owing to ill health, neglected; exceptionally well fitted, clean, saleable stock about £500; cash trade; main road position; developing S.W. suburb; rent £150; price all at £1,200; no agents. 173/6, Office of this Paper.

OLD-ESTABLISHED and well-known Chemist business in a good position in a principal shopping thoroughfare in Brighton; long lease; price £500. Particulars from Graves, Son & Pilcher, 5 Pavilion Buildings, Brighton.

OLD-ESTABLISHED Mixed Retail Business, country; good opportunity for Qualified man with knowledge of Cattle Medicines and Photography. "Country," 175/1, Office of this Paper.

UP-TO-DATE Pharmacy for sale in West Riding; sole Chemist and Photographic Agent in district; Wine Licence; some Optics; very low overhead charges; audited accounts show gross profit over £600 per annum; modern house attached; property for sale; owner purchasing larger business. 173/2, Office of this Paper.

£275.—CASH RETAIL N.H.I.; established 51 years; owner retiring; new lease would be granted; main London road; good position. Particulars from Danver, 173/38, Office of this Paper.

BUSINESSES WANTED

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

LIMITED Company is desirous of purchasing during the next few weeks, several sound businesses in London; City, West End or Suburban; ample cash waiting; turnover £2,500/£7,000 per annum; can commence negotiations immediately; all replies treated in strict confidence, 326/843, Office of this Paper.

SEVERAL Good Businesses in the London area will be required in the near future; preferably North, North-West, or West districts; capital up to £10,000 available; minimum net profit under owner-proprietor £500 per annum; prospective Vendors are invited to communicate initially, and in strict confidence, with Ernest J. George & Co., 329 High Holborn, W.C.1.

PREMISES TO LET

EARLS COURT, S.W.5.

SMART Parade of Shop Premises in main road; multiples already in possession; rentals from £85 to £175 per annum. Herring, Son & Daw, 100C Queen Victoria Street, E.C.4. Tel.: City 7068/69/60.

HOVE, SUSSEX.—Fine modern lock-up Shop available in Parade facing large new residential estate; excellent scope; an agreement or lease would be granted at very nominal rent of £60 yearly. Keys with the Managing Agents, H. Francis & Co., Property Agents, "Station Parade," 92 Goldstone Villas, Hove, 3 (Phone: Hove 3075).

N.W. LONDON.—Excellent Shops in commanding position, serving densely populated district; several multiples already in possession. Herring, Son & Daw, 100C Queen Victoria Street, E.C.4. Tel.: City 7068/69/60, or Letting Office on premises—Primrose 4320.

PROPERTY WANTED

RETIRED business man has £5,000 to invest in good-class shop property; preferably freehold; would consider owner occupiers taking long lease at moderate rental. Send full particulars of any properties to BM/BPMB, W.C.1.

APARTMENTS

THE HAMPDEN RESIDENTIAL CLUB FOR GENTLEMEN, Hampden Street, N.W.1. Close to King's Cross and Euston. 300 Bedrooms, 15s. to 22s. 6d. per week, including bath, attendance and boot cleaning. All meals à la carte, in dining room. Moderate tariff. Large Club Rooms, Library, Billiards Room, Reading Room and Study for Students. Illustrated Prospectus from Secretary. Euston 2244/5.

DIRECTORSHIPS

OPPORTUNITY occurs for Qualified Chemist join Board Directors with small investment in £5,000 Company formed to control Manufacturing Distributing established advertised sellers. 326/842, Office of this Paper.

AGENCIES

BRITISH Manufacturers of a well-established Pharmaceutical product are anxious to make contact with either a concern handling other agencies or Retail Chemist in Australia who would be prepared to introduce line to Australian Chemists; product is an aperient tablet enjoying large sale in Great Britain and already established in other British Colonies; excellent proposition for energetic Agent. Full details of applicants required. 326/837, Office of this Paper.

SOUTH AFRICA.—Established firm, with offices in Cape Town and Johannesburg and covering the Union, wish to represent reputable Manufacturing Chemists or Wholesalers. 325/833, Office of this Paper.

NAMES AND ADDRESSES

When sending advertisements for any of the columns of this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not adhered to and delay and disappointment ensue. Strict attention to this detail will be appreciated.

APPOINTMENTS

MIDDLESEX COUNTY COUNCIL. DISPENSERS.

North Middlesex County Hospital,
Silver Street, Edmonton, N.18.

Applications are invited for the following non-resident posts on the pensionable staff:—

1. Chief Assistant Dispenser: Salary £250 per annum, rising by annual increments of £10 to £300 per annum.

2. Assistant Dispenser: Salary £200 per annum, rising by annual increments of £7 10s. (and one of £5) to £250 per annum.

Applicants must be graduates in Pharmacy of a recognised University or hold one of the qualifications of the Pharmaceutical Society of Great Britain.

The officers appointed will work under the direction of the Pharmacist and Medical Superintendent of the Hospital and will devote their whole time to official duties. The appointments, which are subject to medical examination, will be held during the pleasure of the Council and are terminable by one month's notice on either side.

Applications, stating age, qualifications and experience, together with copies of not more than three recent testimonials, must be received by the undersigned not later than May 21, 1938. Relationship to any member or officer of the Council must be disclosed in the application. Application forms are not provided. Envelopes must be endorsed "Chief Assistant Dispenser," or "Assistant Dispenser, North Middlesex County Hospital."

Canvassing, directly or indirectly, will be a disqualification.

Middlesex Guildhall, C. W. RADCLIFFE, "L.I."
Westminster, S.W.1. Clerk of the County
Council.
May 4, 1938.

SITUATIONS OPEN

RETAIL (HOME)

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

BIRMINGHAM.—Qualified Manager, for branch shop; please give full particulars, including salary required and when disengaged; letters not answered within 7 days respectfully declined. Apply Pocock, 87 Holyhead Road, Handsworth, Birmingham, 21.

BRIGHTON.—Young Qualified Assistant required for high-class Medical and Dispensing business; permanent position; applicants must be of good appearance and address; personal interview (expenses paid) will be required; please give full particulars in first letter. Parris & Greening, 105 Church Road, Hove.

CITY.—Young Qualified Assistant; no holiday or Sunday duty; Saturday half-day. Apply personally, 10.30 to 11.30, 2.30 to 4, P. Underwood, 25 Walbrook, E.C.4.

CORNWALL.—Qualified Assistant for two months commencing July 3. State usual particulars as to experience, salary required, etc., and enclose photo, if possible. E. M. Varley, Ltd., 38 Cliff Road, Newquay.

COVENTRY & DISTRICT CO-OPERATIVE SOCIETY, LTD., require a young Qualified Assistant (21-24), for a busy central store, and occasional relief work. Give full details of experience, age, height, etc., and if possible enclosing a recent photograph together with references or copies, which will be returned. Salary to commence £4 10s. Conditions of employment include trade union membership and subscription to the Society's Superannuation Scheme. Apply before May 23 to above, Pharmacy Dept., West Orchard, Coventry. Endorse envelope "Chemist."

KENT.—Qualified Lady Assistant required; must be capable Dispenser. Will applicant kindly send all particulars to 326/839, Office of this Paper.

COVENTRY & DISTRICT CO-OPERATIVE SOCIETY, LTD., require a Young Unqualified Assistant for the summer, June to September; one finishing College early June will be given time off for examinations; trade union wage and conditions. Give full particulars, including copies of references, before May 23, to above, Pharmacy Dept., West Orchard, Coventry. Endorse envelope, "Assistant."

LONDON.—Assistant (Qualified preferred, but not essential) for three or four months' holiday relief work; medium trade; N.H.I. Dispensing. Give particulars of experience, names of references, when disengaged, age and salary expected. Apply by letter only, Chemist, 300 Amburst Road, London, N.16.

LONDON.—Manager (male), capable of controlling staff and maintaining business in good-class industrial neighbourhood, required very shortly; good opportunity for advancement to right man. Please state full particulars age, experience, etc., also when free; country applicants please enclose photograph if available. 174/18, Office of this Paper.

LONDON.—Qualified Locum required from June 20 to August 15; undeniable references. Write, call or phone, E. A. Parr, 223 High Street, Acton. Acorn 2728.

LONDON.—Qualified Manager for busy branch. Please apply immediately, giving full particulars, experience, etc., to Head Office, Tanners, 350 High Road, Tottenham, N.17. Telephone: Tottenham 1988.

LONDON, CITY.—Qualified male locum required (age 20-25), May 1 to September 23. Full particulars, apply personally Monday, May 16, between 10 a.m. and 7 p.m. Hancock & Co., Ltd., 144 Fleet Street, E.C.4.

LONDON, S.E.—Qualified Junior wanted at once or early date; interview if possible; please state terms. Briggs, Chemists, 126 Hoe Street, Walthamstow, London.

LONDON, N.W.10.—Wanted, a Young Lady Assistant, Unqualified, for Counter and Dispensing. Give particulars of age, experience and salary to Davies, 59 Dudden Hill Lane, Willesden, N.W.10.

LONDON, W.—Qualified Assistant wanted; good Salesman, West End experience. Application by letter first, giving full particulars, age, experience, salary, etc., to Hayman & Freeman, 93 Piccadilly, London, W.1.

LONDON, W.1.—Qualified Assistant Junior, male, required for high-class Dispensing business; salary £4 weekly; excellent prospects; full particulars, age, height and experience. 325/831, Office of this Paper.

LONDON, W.1.—Qualified Assistant required; must be a good Counterwoman. State experience and salary required to 173/45, Office of this Paper.

MIDLAND Health Resort.—Qualified lady, with first-class Dispensing experience and practical knowledge of Cosmetics; must be of pleasing appearance, a tactful and persuasive Saleswoman. Apply, stating age, salary, enclosing photo and references, 173/22, Office of this Paper.

A QUALIFIED and an Unqualified Lady are required for the season at an East Coast resort. Send fullest particulars with photo if possible, to W. H. J., Woodlands Chemists, Ltd., 28 St. John's Lane, E.C.1.

A SSISTANT Dispenser wanted for Doctor's Surgery at once. Apply, 174/21, Office of this Paper.

A SSISTANT required for about twelve weeks from June 13; please state particulars of experience, give references and age. Harry E. Matthews, Ltd., 3 Millbrook Place, next to Mornington Crescent Tube Station, London, N.W.1.

A SSISTANT required May 21; gentleman of good address and education, with sound knowledge Dispensing, Salesmanship and Photography; permanent position. State age, height, salary and full experience; also enclose snap or photograph. Frank Purcell, 97 Strand Street, Douglas, I.O.M.

A SSISTANT required, with good Dispensing experience (not under 24), chiefly for Dispensing; South of England. Apply, stating age, experience, etc., and when disengaged, to 325/832, Office of this Paper.

A SSISTANT (Unqualified, male) required for Dispensing and Counter. Full particulars age, experience, salary required; photo if possible, H. A. Elliott & Co., 59 High Street, Evesham, Worcs.

A SSISTANT (Unqualified, male), 21-26, accustomed to high-class business, must be good Salesman and Window-dresser, with sound knowledge of Dispensing. State age, height, salary and full experience, W. H. Mauder & Son, Ltd., 47 North Street, Taunton.

ASSISTANT wanted, Qualified, reliable Dispenser, accustomed to Counter work; good Salesman (age 25-35). Reply, giving full particulars, age, experience, references and salary required; photo if possible. Elderkin Wood, 97 St. Albans Road, Watford.

AT ONCE.—Junior or Improver for a small business and relief work, either sex; must be good at Counter, willing to learn; permanency for suitable applicant; S.E. London; easy berth. Apply, stating wage, etc., to 9 Thurlestone Road, West Norwood, S.E.27. Phone: Gipsy Hill 0620.

ELDERLY Qualified Man required for Private Company retail shop in S.E. London; light duties and short hours. Write, giving full particulars, salary required, etc., to P.C.B. 282/21, Office of this Paper.

EXPERIENCED Unqualified Assistant wanted, permanency; must be really smart Counterman, Window-dresser, reliable Dispenser and accustomed to the sale of Photographic and Toilet Goods (age 25-35). Apply, giving full particulars, salary required, photo, experience, to W. F. Cole & Sons, 41 London Road N., Lowestoft.

JUNIOR Assistant (male), about 21, required for brisk cash business in South London; progressive post for capable man; time for study could be arranged. State age, height, details of experience and salary required, Barkers, 221 Upper Tooting Road, S.W.17.

JUNIOR Qualified Assistant (male) required; usual particulars, salary required, to Bell, 8 West Halkin Street, S.W.1.

JUNIOR Unqualified Assistant required for Relief Duty in the Birmingham area; excellent opportunity to acquire further experience; every possibility of permanency to suitable applicant. Write, giving particulars, to 326/845, Office of this Paper.

LADY Dispenser (full) required by Drs. Stevens and Peck, Crayford House, Canterbury; experience desirable.

LOCTUM, Qualified; August 8 or 15; one fortnight. E. R., 38 Battersea Park Road, London, S.W.11.

M.P.S. wanted to assist in the management of a Pharmacy in healthy district; knowledge of photographic and D. & P. work preferred. Apply personally if possible, or write to A. Rees, 49 High Street, Billericay, Essex.

PHARMACY.

QUALIFIED Male Assistant required, as Manager's relief.

EXPERIENCED Female Assistant, must have had general Pharmaceutical and Shop experience; widows and single persons only considered.

Apply in writing, stating age and experience, to the Staff Manager Royal Arsenal Co-operative Society, Ltd., 113 Powis Street, Woolwich, S.E.18. Endorse envelope "Pharmacy."

NOTE.—Canvassing of members of the General Committee or Officials will disqualify.

QUALIFIED Assistant, lady or gentleman, required for good Family business; Dispensing, Counter and Window-dressing; permanency. State age, experience, salary required to C. Goode, 36 London Road, Twickenham.

QUALIFIED Assistant required for middle-class Dispensing business in S.E. London; this is a progressive permanency and exceptional opportunity for a keen man; give full particulars of age, previous experience, salary required, etc., 174/19, Office of this Paper.

QUALIFIED Assistant required, permanency, for district 10 miles from Birmingham; Dispensing mostly N.H.I.; wages £3 10s. per week and commission; prospect of management to suitable applicant. Write, stating age, references and full particulars, 173/31, Office of this Paper.

QUALIFIED Assistant (under 30), with view to management later; busy medium-class Cash business, with N.H.I.; South London; state age, height, salary required and when at liberty. Also Qualified locum, 8 or 9 weeks from July 4. 172/120, Office of this Paper.

QUALIFIED Branch Manager required. Also Qualified Assistant for Drug Department. Apply by letter, stating age, salary required, when free, etc., not later than first post May 19, to the Secretary, Cleckheaton Industrial Co-operative Society, Ltd., Northgate, Cleckheaton, endorsed "Chemist."

QUALIFIED Experienced Assistant to take charge during holidays; London. Apply, "A," 325/834, Office of this Paper.

QUALIFIED Junior Assistant, male, for high-class West End business wanted immediately. Apply, with full particulars and salary required, to 326/841, Office of this Paper.

QUALIFIED Lady Assistant required for Dispensing and Counter in working-class district. Apply, stating full particulars, or, if preferred, by interview, to Arnett & Co. (Chem.), Ltd., 307 Heathway, Dagenham, Essex.

QUALIFIED Manager required; must be experienced Dispenser and capable of managing busy shop, large staff; S.W. London district; state wages and references; no country applications. Write 172/11, Office of this Paper.

RELIEF Dispenser wanted for June (4 weeks); good-class business; S.W. district. Full particulars, with salary required, to 173/44, Office of this Paper. Applications unanswered in 4 days please consider declined.

SMART Qualified Assistant required for busy Pharmacy; permanent and progressive position. Write, giving details of experience, commencing salary, age, etc., Victoria Pharmacy, Ltd., 7 Wilton Road, London, S.W.1.

SMART Young M.P.S. required for Dispensing and Counter etc., for middle-class business in Midlands industrial area; must be keen, experienced and courteous Salesman; good Prescriber and reliable. Apply, with full particulars of experience and references, salary, to 173/20, Office of this Paper.

TAYLORS THE CHEMISTS have several vacancies in the Midlands for Unqualified Assistants. Apply, giving details, to Retail Staff Manager, 70 Vauxhall Bridge Road, London, S.W.1.

UNQUALIFIED Assistant (male preferred, but not essential); must be quick and accurate Dispenser and good Counter hand; high-class Dispensing business. Full particulars to Watson, Chemist, Lincoln.

UNQUALIFIED Assistant (Male) required for good-class Dispensing business. Write, stating age, experience, salary required and when disengaged, to Managing Director, Hodders, Ltd., 5 Nelson Street, Bristol.

UNQUALIFIED Assistant required, Male or Female, Dispensing experience essential; for branch at Stratford, E. Full particulars of experience and references to Mr. A. Catto, Catto, Ltd., 49 Cranbrook Road, Ilford.

UNQUALIFIED Assistant, under 30 preferred, for brisk Cash business, with N.H.I., in S.W. London; progressive permanency for a suitable man; state age, height, particulars of experience and when at liberty. 172/12, Office of this Paper.

UNQUALIFIED Junior Assistant (either sex) required for good-class Dispensing and Photographic business in pleasant country town, Sussex; please send full particulars with photo, which will be returned. 173/37, Office of this Paper.

UNQUALIFIED Junior Assistant or Improver, June 16 to October 8 (approximately); part time if preferred, July 16 to August 31; used to good middle-class business, with some experience of N.H.I. Dispensing, Counter and Stocktaking; London border, S.W. district. 172/13, Office of this Paper.

UNQUALIFIED Junior Assistant wanted from about June 1 for four months; good-class Dispensing and Counter experience essential; full particulars with application. Bastow, North Street, Chichester.

UNQUALIFIED Junior required, June 13 to September 10; state salary required. Matthews, Ltd., 69 Golders Green Road, N.W.11.

PHOTOGRAPHS, TESTIMONIALS, &c.

When replying to advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. Many of these announcements produce an exceptionally large response and, as can be readily understood, the task of returning photographs, testimonials, &c., is one of some difficulty.

UNQUALIFIED Junior wanted, lady or gentleman; must be reliable Dispenser; permanency if suitable. Kirkman, New Milton, Hants.

WANTED immediately, Unqualified Assistant for busy Dispensing business; neatness essential. Send full references to A. W. Henson, Ltd., 23 High Street, Sidcup, Kent. Phone: Footscray 2008.

WANTED.—Locum, Qualified, either lady or gentleman, wanted immediately to manage small business in residential area of Bristol. Apply in person, or write; moderate terms required. Price, 54 Lower Redland Road, Bristol, 6.

YOUNG, capable, Unqualified Male Assistant wanted, with all-round experience, for country Pharmacy. Full particulars, age and salary to Baker, Chemist, Marlborough.

YOUNG Lady Assistants required to manage Drug Stores in the South of England; applicants must be well educated and of good appearance and personality, and accustomed to Drug trade; aged 25-35; good wages given to chosen applicants. Write 164/1, Office of this Paper.

YOUNG Lady (Qualified) holiday relief; London. Apply, "G," 325/835, Office of this Paper.

YOUNG Unqualified Assistant required; no Sunday duty; smart Counterwoman and good Dispenser. State age, experience, salary, etc., photo. Apply, Prossers, Ltd., Chemists, 5 Bolton Road, Walkden, near Manchester.

WHOLESALE

EXPERIENCED CHEMIST

with flair for Hair Colouring science and practical knowledge of toiletry. Applicants should be between 35 and 45 years old and furnish full particulars of qualifications, past experience and salary required in own handwriting to: THE COUNTY PERFUMERY COMPANY, North Circular Road, N.W.10.

PERMANENT REPRESENTATIVES

required in many areas to join existing selling organisation carrying advertised Proprietary Lines.

Applications invited from Salesmen with first-class connexions who know their job.

Existing Salesmen know of this advertisement.

Apply with fullest particulars to: Box 326/840 Office of this Paper

AN important and reputable firm of MANUFACTURERS OF STANDARDISED GLANDULAR AND OTHER BIO-CHEMICAL SUBSTANCES is desirous of securing the services of an exclusive Agent for Great Britain who can secure bulk sales for their products to British Manufacturing Houses for Manufacturing purposes; applicants should have the necessary technical knowledge and sound business connexions in the industry; references will be required. Apply, giving fullest details (which will be treated in strict confidence), to 325/836, Office of this Paper.

LONDON AND SUBURBS.—Wanted immediately First-class Representative; full time on Salary and Commission. Phone for appointment: KEN. 1177.

AJUNIOR Assistant wanted by Hairdressers' Wholesale House for Proprietary Perfumery Dept. Apply, Nageles, 8/12 Broadwick Street, Wardour Street, W.1.

KEEN, able Salesman for Northern Ireland, with proved record of sales ability in advertised proprietary items, Chemists and Hairdressers; salary-commission and expenses; full details of experience prior to local interview. Apply immediately to 326/838, Office of this Paper.

LABORATORY Assistant required (age about 17 years); preference given to one with experience in Compounding Perfumes and Cosmetics. Write AVA, Ltd., 9 Park Hill, Clapham, S.W.4.

MEDICAL Representative required to call upon Medical Practitioners, Dental Surgeons and Hospitals. Applicants should be at least Qualified Pharmacists and able to drive car; previous experience in similar occupation desirable. Apply, General Sales Manager, Genatosan, Ltd., Loughborough, marking envelope "Medical."

PHARMACEUTICAL.—Wanted for leading house in Irish Free State, active man to take charge of Wholesale section. State qualifications, experience, age, salary, 165/11, Office of this Paper.

PROPRIETOR (Pharmaceutical Chemist) of old-established firm of Manufacturing Chemists, Manufacturing Specialities for Chemists, Confectioners and Grocers, wishing to take things easier, requires a Business Manager desiring a permanency to assist in general management of the business and the control of travellers; please state in first letter, age, full details of previous situations and experience, also commencing salary required. 172/2, Office of this Paper.

QUALIFIED Pharmacist required as Representative for calling upon Chemists; previous experience in similar occupation desirable. Applicants should be able to drive car. Apply, General Sales Manager, Genatosan, Ltd., Loughborough, marking envelope "Representative."

REPRESENTATIVE, commission, with established connexion with Chemists, required by important firm manufacturing Photographic goods. Reply, stating territory covered, to W. H. C., Osborne-Peacock Co., Ltd., 3 Norfolk Street, London, W.C.2.

REPRESENTATIVE for the Eastern Counties and South-East Coast.—Smart Salesman, with own car, wanted for Chemists' Sundries and Surgical and Medical Rubber Goods; full-time position; large number of accounts already established; satisfactory references required; capable man with initiative and personality can considerably increase remunerative position; minimum weekly earnings guaranteed. Applications, with full particulars, to P.C.B. 282/24, Office of this Paper.

COLONIAL, INDIAN AND FOREIGN

FOR CAPE TOWN.—Qualified Pharmaceutical Chemist as Manager in leading Retail business; first-class Retail experience; preferably abstainer; with Photographic knowledge; progressive salary, commencing £400; send photo, with details record, copies testimonials, state age, whether single or married. Davis & Soper, Ltd., 54 St. Mary Axe, London, E.C.3.

SITUATIONS WANTED

RETAIL (HOME)

2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

A—EXPERIENCED, tall, abstainer; prize Photographics; London 12 years; unregistered; trustworthy; energetic. MacLellan, 9 Old Pier Street, Walton-on-Naze, Essex.

AS Locum, experienced (52); London only; free May 16-June 6, July 18-August 8. M.P.S., 45 Broadwater Avenue, Letchworth.

AS Manager, M.P.S. (29), seeks permanency; 12 years' all-round experience in London and provinces (5 years as Manager); capable staff control, Stock-keeping, Window-dressing; good references; free now. Addis, 10 Dawes Avenue, Hornchurch, Essex.

ASSISTANT (28), experienced high-class Family and West End Business; expert Dispenser. C. H. J. Bishop, 41 Hillcross Avenue, Morden, Surrey.

ASSISTANT (28), Unqualified; all-round experience (West End); accurate Dispenser; Window-dressing; London. "C.", 44 Turnerville Road, W.14.

BIRMINGHAM District, North Wales, Peterborough area or London; Locum work taken; well recommended; now booking dates. E. Hanley, 180 Lozells Road, Handsworth, Birmingham.

CHEMIST and Optician (F.E.M.C.), desires situation leading to early succession or partnership; thoroughly experienced. White, Avon Road, Keynsham, Bristol.

CHEMIST, Locum, experienced; recommended; disengaged May 16-21 and August 1-13; London or provinces. Chemist, 24 Hillside Crescent, South Harrow, Middlesex.

EXPERIENCED Manager, M.P.S. (32), married, seeks permanent post; well experienced; London, seaside, provincial; thoroughly capable man; at present on East Coast; free at one month's notice. 173/48, Office of this Paper.

EXPERIENCED M.P.S., now free, locum work, until middle June. "Chemist," 11 Cunningham Place, N.W.8. Tel.: Cunningham 2178.

JAMES LEES, Beechwood, New Cumnock, Ayrshire; experienced Qualified locum; dates open May 16 to June 4, July 7 to July 16 inclusive.

LADY Assistant, experienced Drug and Toilet Counter, good Window-dresser, desires position; Portsmouth district. 169/4, Office of this Paper.

LADY Dispenser (Hall), Secretary, desires post with Doctor; experienced; good testimonials; Eastern district preferred. 169/1, Office of this Paper.

LADY (Hall), desires post Chemist, Doctor or Laboratory Assistant; 3 years' all-round experience with Chemists; moderate salary. 173/8, Office of this Paper.

LADY (Hall); some years' experience in all the work, requires post; free soon; not London. 173/25, Office of this Paper.

LADY, 18 years' experience Counter and Dispensing, desires post, anywhere, locum or permanent. Short, Broomfield House, Broomfield, Smethwick.

LOCUM, only vacant dates June 27, one week, August 1 to 13 inclusive. "Chemicus," 56 Rudloe Road, Balham, S.W.12.

LOCUM, Qualified, Registered N.P.U., disengaged May 17 to June 11. Phone Clacton 800, any distance. Wood, 57 High Street, Clacton-on-Sea.

LOCUM.—Qualified, reliable, experienced; free June and July; 5 guineas weekly; return fare from London. 173/11, Office of this Paper.

LOCUM.—Short or season; accustomed sole control; long experience; disengaged; light N.H.I.; unimpeachable references; moderate salary; unqualified. 174/3, Office of this Paper.

LOCUM, with first-class experience and excellent references, now booking engagements; provinces preferred, but not essential; terms moderate; Unqualified. F., 10 Osborne Grove, London, N.4.

MANAGER, good personality, smart appearance, thoroughly experienced, staff control, Buying, Salesmanship, etc., West End, suburban, provincial, seeks permanency; particulars and interview. A. W. Arden, 109 High Street, Chislehurst, Kent.

MANAGER or locum; first-class experience; London or South Coast. Davis, Kinross, Kingsway, Hove.

MANAGER (45), desires progressive post in London; reliable and trustworthy; of good appearance; excellent references; free one month. 173/1, Office of this Paper.

MANAGER (30), married, 14 years' all-round experience Dispensing, Sales, Photographic and Windows, desires change. 173/5, Office of this Paper.

M.P.S., F.S.M.C. (31), tall; high-class Pharmaceutical Toilet and Photographic experience; Refraction Hospital trained; eventual partnership entertained. 173/12, Office of this Paper.

PHARMACIST, vacant dates from now to June, for locum; thoroughly experienced in all branches and reliable as manager during absence for holidays. 326/844, Office of this Paper.

QUALIFIED Locum (38), experienced in all branches; free now. Mills, 341 Lower Broughton Road, Salford 7.

QUALIFIED Manager (30), married; good sound high-class experience; desires change (permanency); Southern or South-Western Counties only; salary £5; free for interview. 174/4, Office of this Paper.

SCOT (29), Unqualified, desires change; active and of good appearance; 5 years' West End experience; 3 years as manager, good experience in Counter, Dispensing, etc.; London district. 173/36, Office of this Paper.

UNQUALIFIED Assistant, all-round experience, desires permanency; Counter, Dispensing; disengaged; interview any time. 173/55, Office of this Paper.

UNQUALIFIED Lady; 6 years' experience Counter and Dispensing; seeks position, temporary or permanent. Please state salary. 174/28, Office of this Paper.

UNQUALIFIED (27), married, seeks position, Retail or Wholesale; excellent references; good all-round experience, Dispensing, Counter work, Window Display; Birmingham or Midlands preferred. 175/54, Office of this Paper.

WHOLESALE

A.—SIDE-LINE wanted for Midland Stores, Chemists, Hairdressers, on part expenses basis; first-class connexion and experience. 173/33, Office of this Paper.

ADVERTISER (aged 30), at present proprietor of large Retail business, desires position where first-class knowledge of Display can be utilised to best advantage; expert Photographer, and car owner; would be willing to open a new department for a reputable house not yet specialising in Window Display. 172/17, Office of this Paper.

ADVERTISER, with specialised knowledge of Perfumery and Cosmetic Trades, seeks position offering good scope and remuneration; has sound knowledge of Manufacturing side and factory control and up-to-date contacts on sales side, including Wholesalers, Stores and Retailers; keen Salesman, and can control and direct sales staff; references and evidence of ability gladly furnished; first-class appointments only considered. 172/16, Office of this Paper.

ADVERTISER (36) seeks change; Manufacturing Chemists' Packed Goods trade and allied; excellent experience, general organisation and management matters; Buying (materials, bottles, tins, cartons, all works requirements), Costing, to finished article; trustworthy, reliable; can be valuable to growing business. 173/34, Office of this Paper.

AN ambitious young man, at present holding a responsible position with a well-known Retail Chemist near West End, seeks a change of employment, preferably as a Representative; excellent references; honest and trustworthy; willing to use own car. 173/21, Office of this Paper.

CHEMIST'S Son, Agricultural University training and three years' Chemist's Retail experience, requires position as Sales Representative for Veterinary Products; trial appreciated. Apply Benson, Chemist, Barrow, Lancashire.

COSMETICS.—Advertiser seeks situation; first-class experience of formulating and compounding all types of Cosmetics and Toilet Preparations. T. J. Favell, 7 Queen's Crescent, N.W.5.

GENTLEMAN (40), many years own manufacturing business, requires situation in any capacity where experience and initiative may be of account. Advertiser has travelled extensively, has good knowledge Continental drug markets, synthetic perfumers, essential oils, lubricants, as well as having had own tablet plant; salary is of secondary importance. 167/28, Office of this Paper.

REPRESENTATIVE (29), Qualified, car driver, connexion Medical and Chemists, North-West and Wales, excellent record, seeks progressive post. 173/30, Office of this Paper.

SMART, Intelligent Warehouseman (disengaged); full knowledge of all branches; London preferred. 172/10, Office of this Paper.

THIRTY Years' experience, Representative, Propagandist; car; excellent record, health, address; salary and expenses. "Hippocrates," c/o Jackson, Rowan Avenue, Boothville, Northampton.

WANTED.—Situation as Packer, Home and Export. Reply to Mr. F. C. Odiam, 7 Florence Street, Islington, N.1.

PRICE LISTS, TRADE CIRCULARS, SAMPLES, AND PRINTED MATTER

can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

CLEAR OUT—your Old or Damaged Stock of Photo Goods.
Why keep them any longer? Turn them into CASH.
I GIVE BEST PRICES for Old Films (damaged, fogged or expired dates); Packet Papers. Cards (any sizes). Old Photo Goods or Cameras. Bromide Papers. Plates (all sizes, all makes). Send any goods in the photo line. I buy all, good or bad. Cash per return. A good price for all Cameras. Send them along.
S. E. HACKETT, 23 July Road, Liverpool

FOR SALE (Articles to the value of £5-£50.)

AUTOWAY Personal Weighing Machine in good condition, £5 10s., carriage paid. Write, Cater, Stoffell & Fortt, Ltd., High Street, Bath.

FINE Ground Cast Iron Borings, 30, 60, 90, mesh, etc., also fine Steel Filings. Please send your enquiries to George Cohen, Sons & Co., Ltd., 600 Commercial Road, London, E.14.

FOR SALE.—Chemist Show Cases and Counter, in solid oak, all in perfectly new condition. For particulars apply Brainsby Properties, Ltd., 22 Priestgate, Peterborough.

NATIONAL CASH REGISTER, Electric model, in perfect condition; still under guarantee and free maintenance; present market value £83; will sacrifice at £60 or nearest offer; can be seen by appointment only. 'Phone: Speedwell 9213.

NATIONAL Cash Till, medium size; gives total of takings; little used; snip. Write W. Drew, 60 Broughton Street, S.W.8.

OFFERED, several early Pharmacopœias; bound volumes (early issues) "Pharmaceutical Journal"; Year Book of Pharmacy (about 20 vols.); Medical and Scientific Books, British Rainfall Annuals. List from 170/2, Office of this Paper.

MISCELLANEOUS

10s. for 60 words or less; 1s. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

SALES VACANCIES.—Every year some 4,000 new men enter selling positions to replace retirements, &c. You can quickly qualify through interesting spare-time study to receive introductions to outdoor salaried sales positions. We have placed in good posts hundreds of men without past sales experience. Write to day for Free 32-page brochure "Salesmanship," Dept. 84, THE WALLACE ATTWOOD COLLEGE, LTD., Victoria House, Southampton Row, W.C.1.

SHOP SOILED FITTINGS.—A complete set in Light Oak suitable for beginner or branch; can be seen at, or full particulars from, PHILIP JOSEPHS & SONS, LTD., 90-92 St. John Street, Clerkenwell, E.C.1. Telephone: Clerkenwell 4111-2. "Pharmacy Fitters for Over a Century."

£9—COMPLETE CHEMIST FITTINGS at any price you wish to pay. We have erected in our showrooms a Complete Chemist's Shop with Metal Shop Front, Window Backs, Correct Window Lighting, Signs and Modern Interior Fittings. Apply for Lists, D. MATTHEWS & SON, LTD., "The Liverpool Shop Fitters," 14 and 16 Manchester Street, Liverpool. Est. 1848.

EXCHANGE COLUMN

2d. per word, minimum 2s. (Box No., 1s. extra.)

FOR DISPOSAL

KODAK Film Machines (120-127-116) cheap for quick sale. Craingold, Chemist, Cheetham Hill Road, Manchester.

WANTED

OPTICAL Trial Case and Charts required. State price to 173/14, Office of this Paper.

SECOND HAND Fittings wanted for Chemist shop, 14 ft. by 16 ft., or larger. Pharmacist, 9 Werter Road, S.W.15.

SHOPS ACTS, 1912-1936

You will avoid trouble and a good deal of worry by ensuring that the provisions of this new legislation are complied with.

To comply with legal requirements cards must be exhibited in the interior and exterior of the shop when serving customers after hours on week days, early closing days and Sundays.

Card "A" must be exhibited when open on Sundays and

SHOPS (SUNDAY TRADING RESTRICTION) ACT, 1936

**THIS SHOP IS OPEN ON SUNDAY
FOR THE SALE OF
MEDICINES & MEDICAL AND
SURGICAL APPLIANCES
FROM**

Width
14 in.

CARD "A"

Card "B" for other days in the week.

SHOPS ACTS, 1912-1936

**THIS SHOP IS CLOSED
FOR TODAY EXCEPT
FOR THE SALE OF MEDICINES
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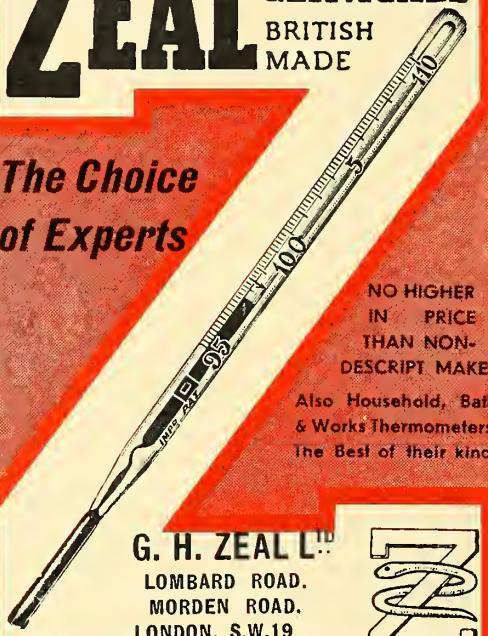
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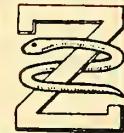
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